Section 6.2

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Network Configuration: Creation and Adaptation of the Configuration File with CCM Tool (Version 11xx) **DD+DIS026.00E**

Description of the Printer Definition Files (Version PRN.A.3.0.01) **DD+DIS012.01E**

1 Service Software for the ID Station SW Version PRID 1.1.05/1.1.07

The ID - Station SW is a submenu of the “Preview Monitor Screen”.
The service software is integrated in the system software of the ID - Station.
For the explanation of the system software, please refer to the user manual.

- start the PRID Software `ADC2IDENTIFICATION STATION.`

File	***Configuration***	***Mode***	***Perform***	***Help***
Read cassette Patient list Show history Erase cassette Exit	Operator System Manager Service Change user	(only active during cassette identification)	(only active during cassette identification)	Info (not available) Version (displays ID station name and PRID – software version

- select `Operator`

Operator	**Explanation**
Hold status	If active, images are only displayed on Preview Monitor and VIPS and are halted till the button “proceed” in the Preview screen will be clicked.
Automatic text selection	Overwrite Mode
Always to front	Brings the ID window in front of the Preview Monitor window for cassette identification
Sound	Switch on/off confirmation beep after successful writing data to the cassette
Destination rerouting	Only active if Auto-Routing license is activated
Reset window size	Position and resize ID-window to default

see user manual for further explanation.

To get access to the “System manager” and “Service” level
- select `Configuration`
- select `Change user`
- enter **`Username`** and **`Pass Word`**
- select `Configuration` again
- select `System Manager`

System Manager	Explanation
Cassette detection	Cassette is automatically detected after insertion in ID-tablet
Read only fields	Make fields coming from RIS “Read Only”
CPF host feature	- not implemented -
Time host feature (not available)	- not implemented -
RIS settings	Configure RIS; only active with RIS license
Set timezone	Set your timezone
Screensaver / License *	- not implemented – switch on licenses *
Change passwords	Change password for Operator and System Manager
Set name of department	Enter department name where ID-Station is located
Change language	Change language
GUI – tool *	Configure Identification Screen Layout *

*** only in PRID 1.1.07**

see user manual for further explanation.

- select `<Service>`

Service	Explanation
1. RIS-link option	has to be clicked on if the respective SW-license is purchased and activated (even on the Processing Station)
2. Auto-routing option	has to be clicked on if the respective SW-license is purchased and activated (even on the Processing Station)
3. Full leg/spine option	has to be clicked on if the respective SW-license is purchased and activated (even on the Processing Station)
4. Study option	click on to activate ; this option is free of license.

Option 1-4 only in PRID 1.1.05

5. Logfiles	- view logfiles - delete logfiles
6. Initialization	Cassette initialization (format, number, scan size ...)
7. Load CPF-file	Load and parse cpf-file
8. Install languages	Installation of language files
9. Reset passwords	Reset all passwords to default values

10. Site Info	View and edit site info
11. Reset Counters	Reset statistic counters

Option 10-11 only in PRID 1.1.07

Section 6.2

System Configuration
CCM Tool 10xx

DD+DIS025.00E

Order-No.: DD+DIS025.00E

1 Piece QKYRH MA1

July 2000

ADC System Components

CCM-Tool

Section 6.2

Network Configuration:

Creation and Adaptation of the Configuration File (Version 10xx)

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1 Adaptation of the Configuration File

Before you start the adaptation of the configuration file to the customer specific network parameters, assign the necessary addresses and names with the local network administrator. Note the data in the enclosed form.

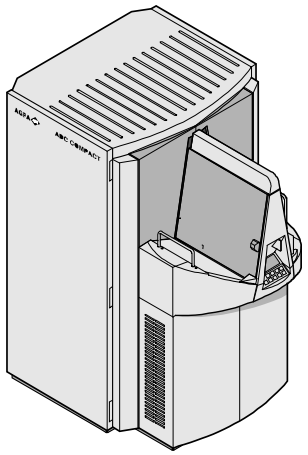
1.1 Which Data is necessary for the Configuration?

The following data is mandatory:

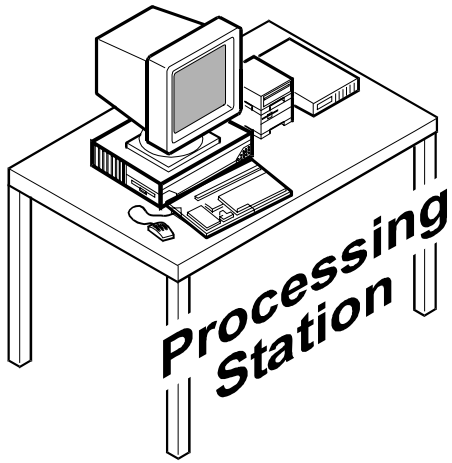
hostname
ip-adress
AE-title
stationname

Below and on the next page you see an example of an ADC System installation. It illustrates all necessary network data, which you assigned together with the application specialist and the local network administrator.

hostname:	**scan202**
ip_addr.:	**192.9.200.202**
subnet_mask:*	**<** **>**
default router:*	**<** **>**
AE_title:	**ADC_Compact**
StationName:	**Scanner_202**

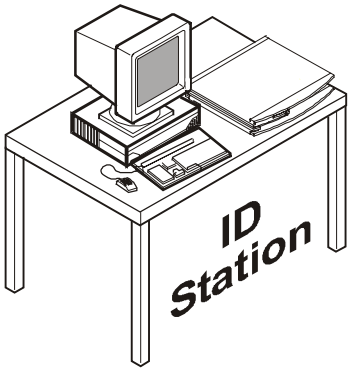


hostname:	**vips203**
ip_addr.:	**192.9.200.203**
subnet_mask:*	**<** **>**
default router:*	**<** **>**
AE_title:	**VIPS203**
StationName:	**Vips_203**

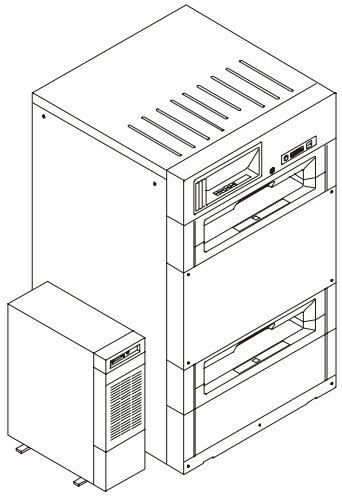


*dependent on the local network of the hospital.

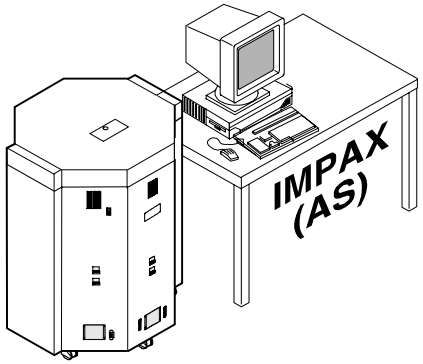
hostname:	**Id207**
ip_addr.:	**192.9.200.207**
subnet_mask:*	**<** **>**
default router:*	**<** **>**
AE_title:	**ID207**
StationName:	**ID-Station_207**



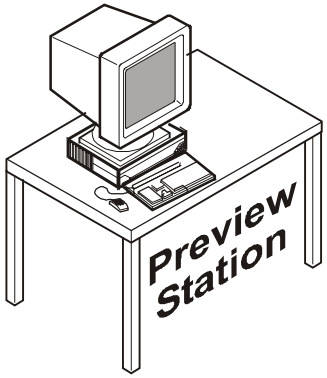
hostname:	**mg1**
ip_addr.:	**192.9.200.201**
subnet_mask:*	**<** **>**
default router:*	**<** **>**
AE_title:	**ADCC_LR1**
StationName:	**ADCC_Print_201**



hostname:	**Idrars1**
ip_addr.:	**192.9.200.103**
subnet_mask:	**<** **>**
default router:	**<** **>**
AE_title:	**AS1**
StationName:	**Impax_Arch.-1**



hostname:	**prev206**
ip_addr.:	**192.9.200.206**
subnet_mask*:	**<** **>**
default router:*	**<** **>**
AE_title:	**PREV206**
StationName:	**Preview_206**



*dependent on the local network of the hospital.

1.2 Edit the Configuration File with the CCM Tool

- Start the CCM Tool on your Service PC by double-clicking the CCM Icon.
- Type in your name (used for history and session information) and confirm.
- Click button **<Create CPF from scratch>**.

If the left 2 buttons are disabled, you have to click **<CLEAR all tables>**.

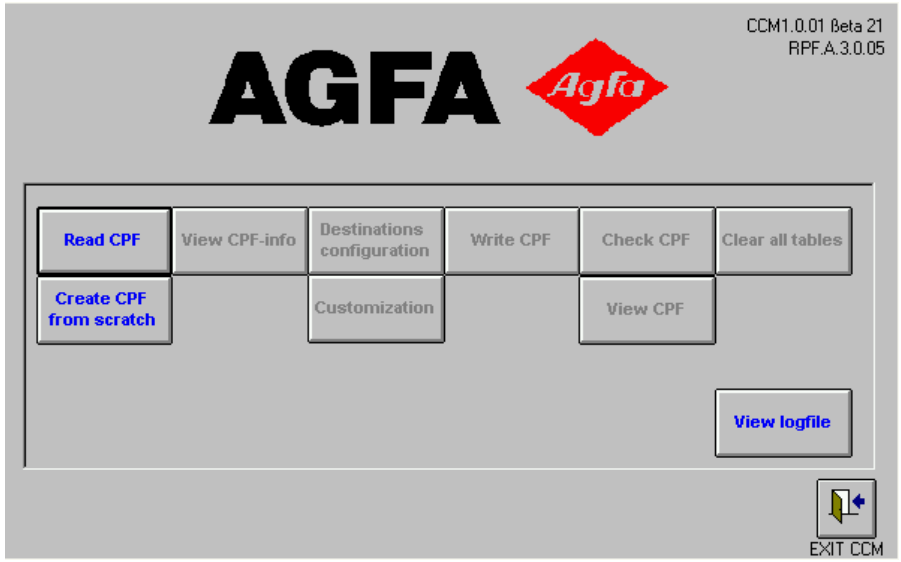


Figure 1

- Choose the RPF language (Language of the examinations) and confirm.

basic = English.

- Click button **<Destinations configuration>**.

1.2.1 Menu <Destinations Configuration>

Fill in the network parameters in the following sequences:
Installation of devices:
Network - Application - Devices.
Deinstallation of devices:
Devices - Application - Network

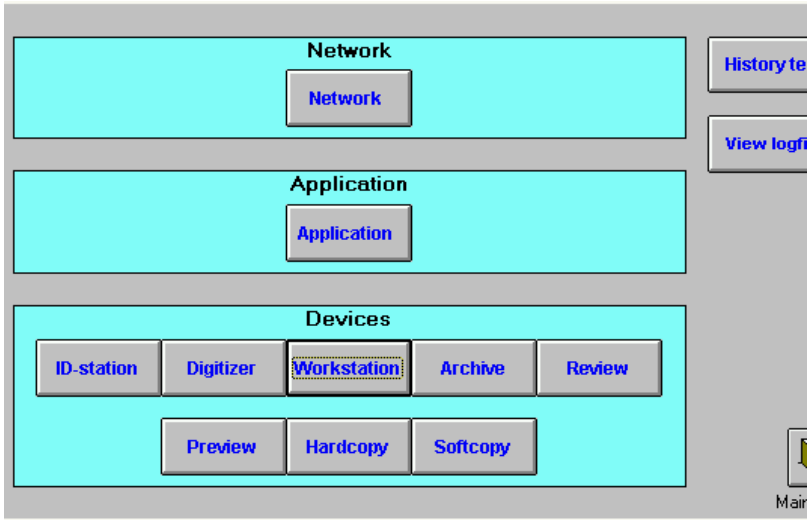


Figure 2

1.2.2 Menu <Network Hosts>

- Click button **<Network>**.
- Click button **<ADD>**.

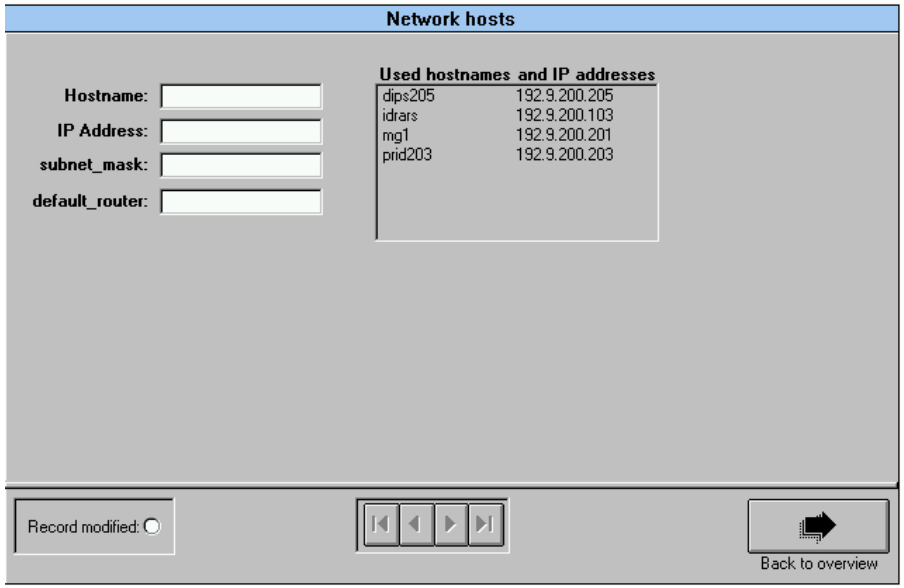


Figure 3

- Type in the network data (hostname, IP address and if required the subnet_mask and the default_router).
- Repeat this until all network components are added.
- Click button **<Back to overview>** (the data will be stored).

Example of a completely filled Menu

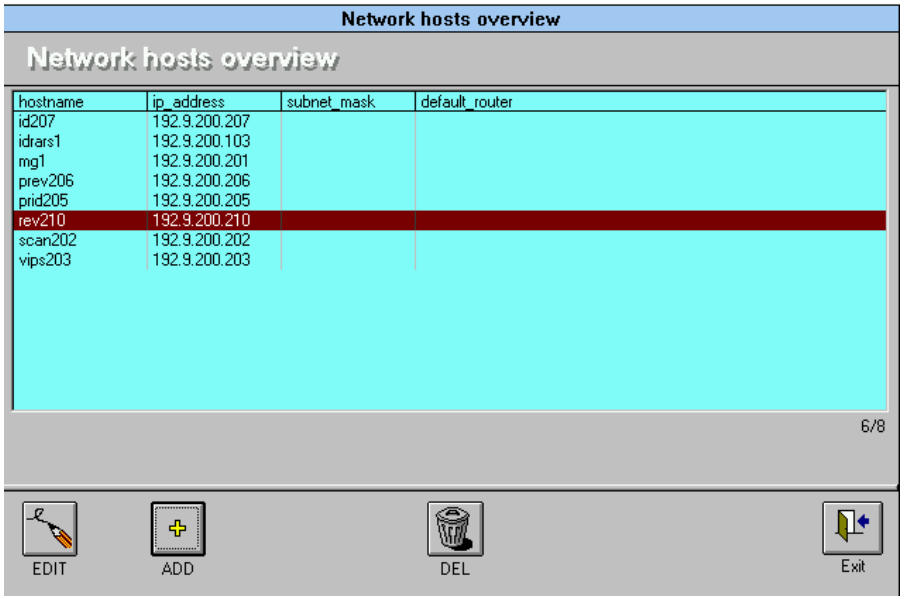


Figure 4

The data in the window are only examples.

- Click button **<Exit>**.

1.2.3 Menu <Application type Information>

- Click button **<Application>**.
- Click button **<ADD>**.

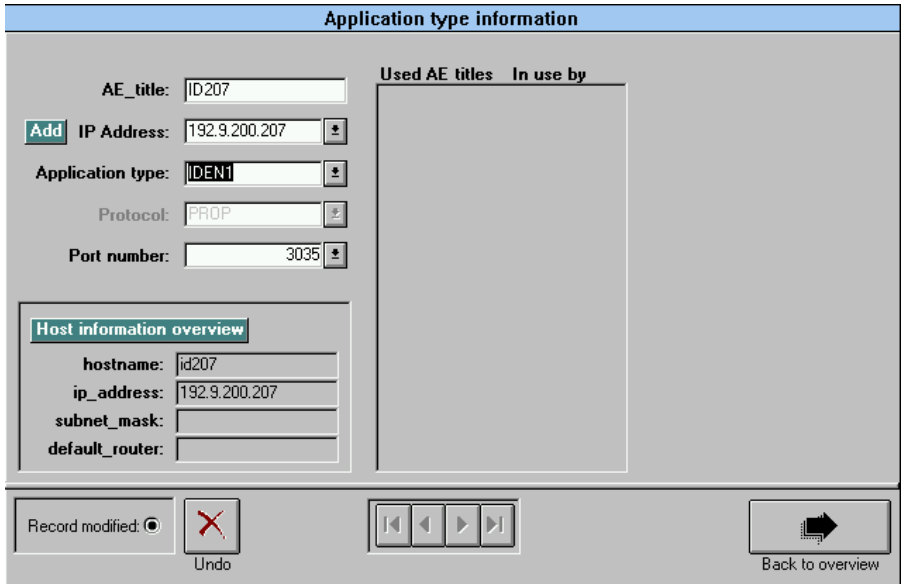


Figure 5

- Type in the AE_title.
- Select the belonging IP_adress.
- Select the belonging Application type (see table beside).
- Check the pre-determined Protocol and Port number or change it (see table beside).
- Repeat this for all network components.
- Click button **<Back to overview>**.

Example

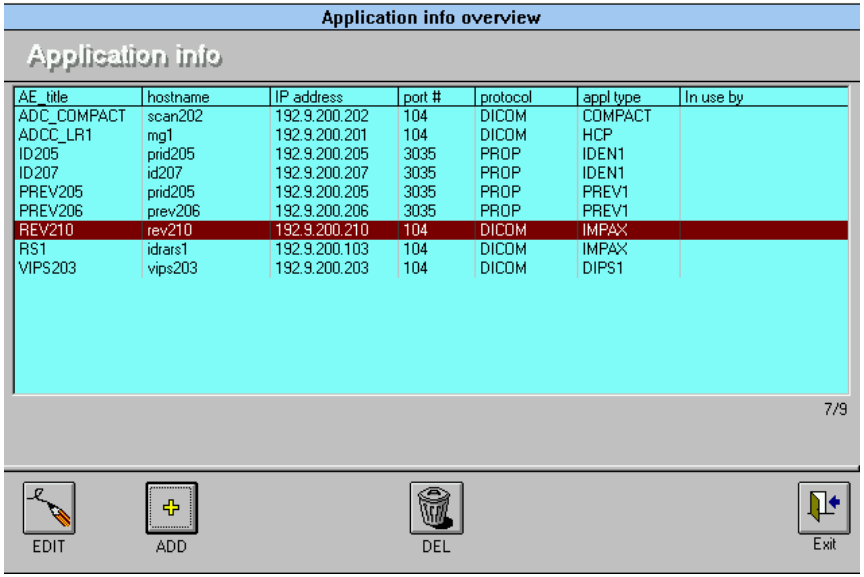

Application info overview
Application info
AE_title hostname IP address port # protocol appl type In use by
ADC_COMPACT scan202 192.9.200.202 104 DICOM COMPACT
ADCC_LR1 mg1 192.9.200.201 104 DICOM HCP
ID205 prid205 192.9.200.205 3035 PROP IDEN1
ID207 id207 192.9.200.207 3035 PROP IDEN1
PREV205 prid205 192.9.200.205 3035 PROP PREV1
PREV206 prev206 192.9.200.206 3035 PROP PREV1
REV210 rev210 192.9.200.210 104 DICOM IMPAX
RS1 idrars1 192.9.200.103 104 DICOM IMPAX
VIPS203 vips203 192.9.200.203 104 DICOM DIPS1
7/9
EDIT
ADD
DEL
Exit

Figure 6

- click button **<Exit>**.

Application types	Protocol	Port #	Comment
IMPAX	DICOM	104	archive for AGFA NWG
IMPAX	DICOM	depends on destination	review for 3rd party stations only
HCP	DICOM	104	Hardcopy destination type
SCP	NFS	0	Softcopy destination type
PS5000	DICOM	104	PS5000 applic.; only for ADC 70
COMPACT	DICOM	104	ADC COMPACT application
DIPS1	DICOM	104	Image processing workstation application
PREV1	PROP	3035	PREVIEW STATION application
IDEN1	PROP	3035	ID STATION application

1.2.4 Menu „DEVICES“ <ID-Station>- <Digitizer> - <Workstation>

- Click button **<ID-Station>**
- Click button **<ADD>**

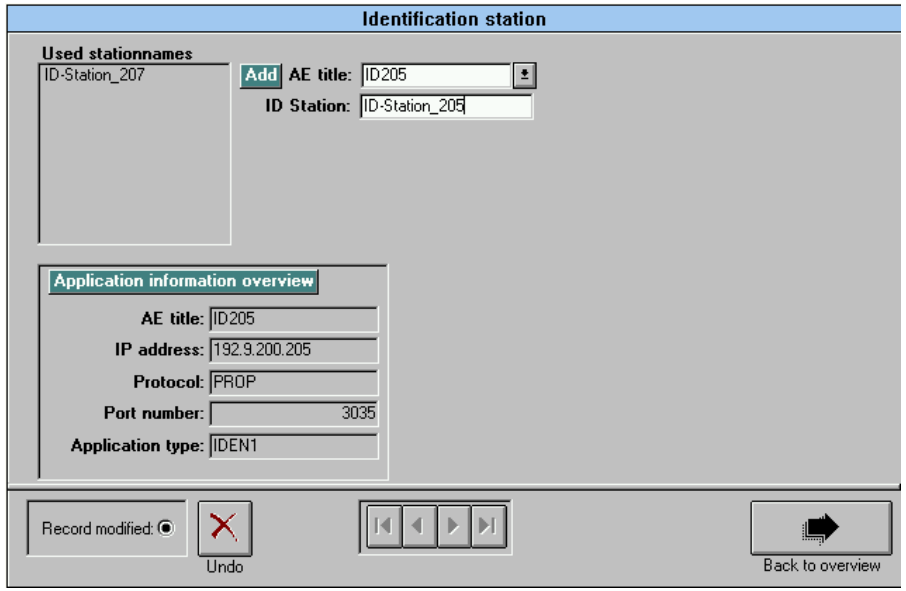


Figure 7

- Select the ID-Station via AE_title.
- Type in the IDStationName respectevely the destination name.
- Repeat this for all ID-Stations.
- Click button **<Back to overview>**.
- Repeat the procedure for **<Digitizer>** and **<Workstation>**.

Example

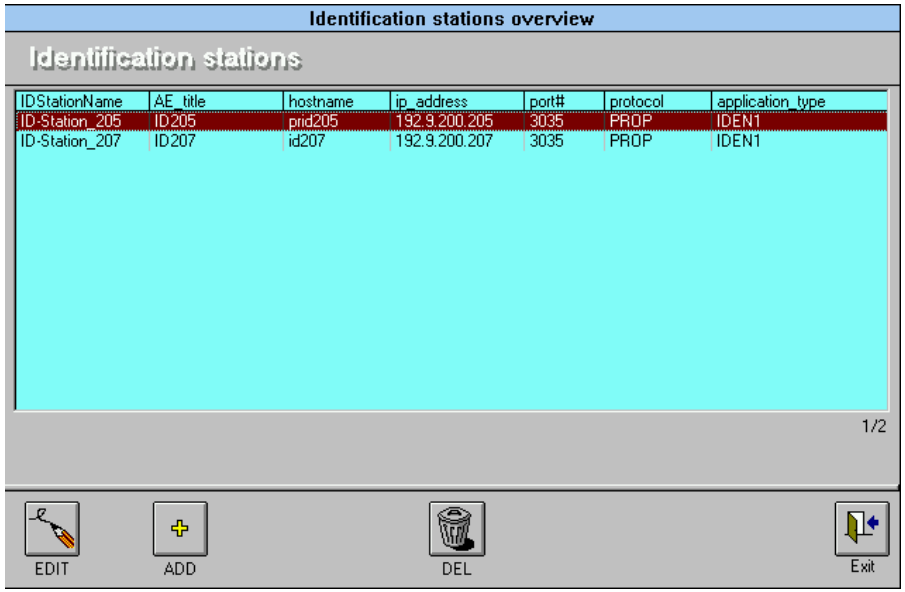


Figure 8

- Click button **<Exit>**.

1.2.5 Menu <Archive destinations>

- Click button **<Archive>**.
- Click button **<Add>**.

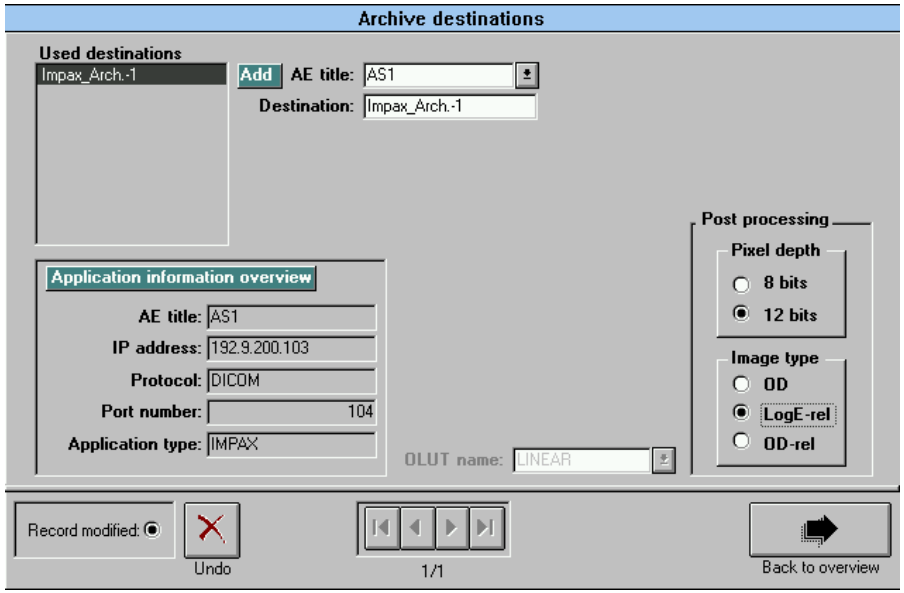


Figure 9

- Select the Archive Station via AE_title.
- Type in the Destination (name).
- Click button **<Back to overview>**.

The images have to be sent to a Network Gateway!

- **For IMPAX we recommend the following selections:**
- Pixel depth: **12 bits**.
- Image type: **LogE-rel**.
- OLUT: **LINEAR**

Example

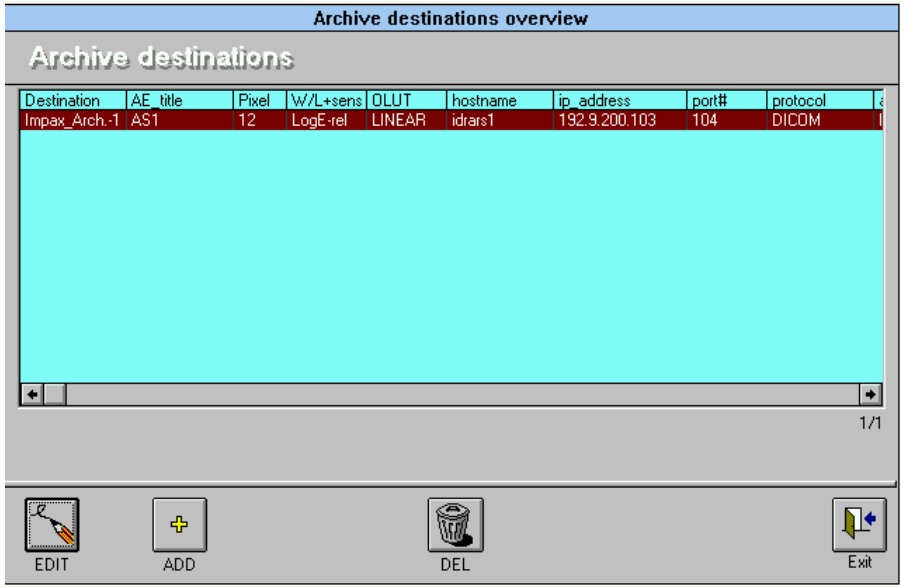


Figure 10

- Click button **<Exit>**.

1.2.6 Menu <Review destinations>

- Click button **<Review>**.
- Click button **<Add>**.

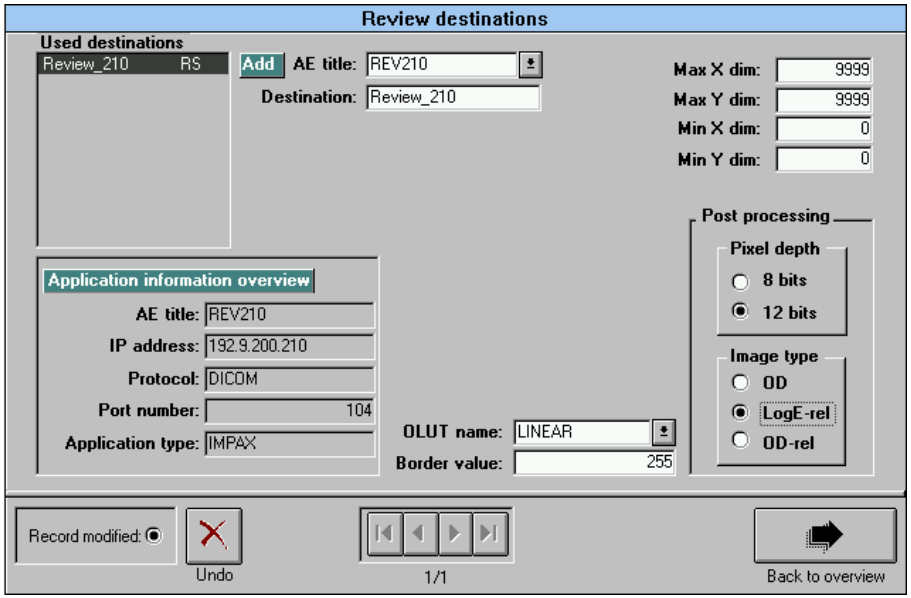


Figure 11

- Select the Review Station via AE_title.
- Type in the Destination (name) of the 3rd party device.
- Click button **<Back to overview>**.

ADC COMPACT --> IMPAX:

- Do not send images directly to an IMPAX Review Station!
- The images have to be sent to an IMPAX via a Network Gateway module. The routing has to be done by the NG.

ADC COMPACT → 3rd Party:

- Ask the local system administrator or better the project responsible.

- **Selections for IMPAX:**

Pixel depth:	12 bits	**Min X/Y dim:**	0
Image type:	LogE-rel	**Max X/Y dim:**	9999
OLUT:	LINEAR		

Example

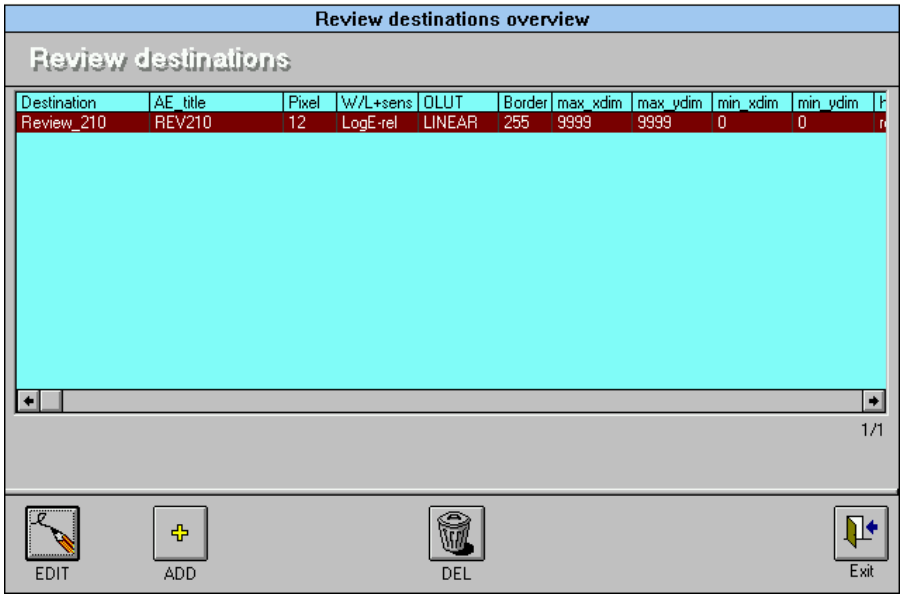


Figure 12

- click button **<Exit>**.

1.2.7 Menu <Preview destinations>

- Click button **<Preview>**.
- Click button **<Add>**.

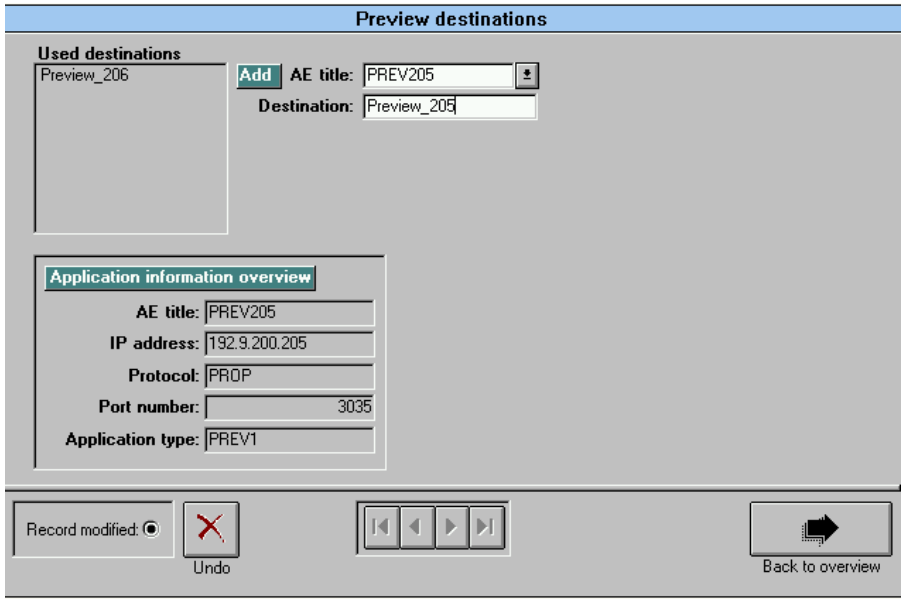


Figure 13

- Select the Preview Station via AE_title.
- Type in the Destination (name).
- Click button **<Back to overview>**.

Example

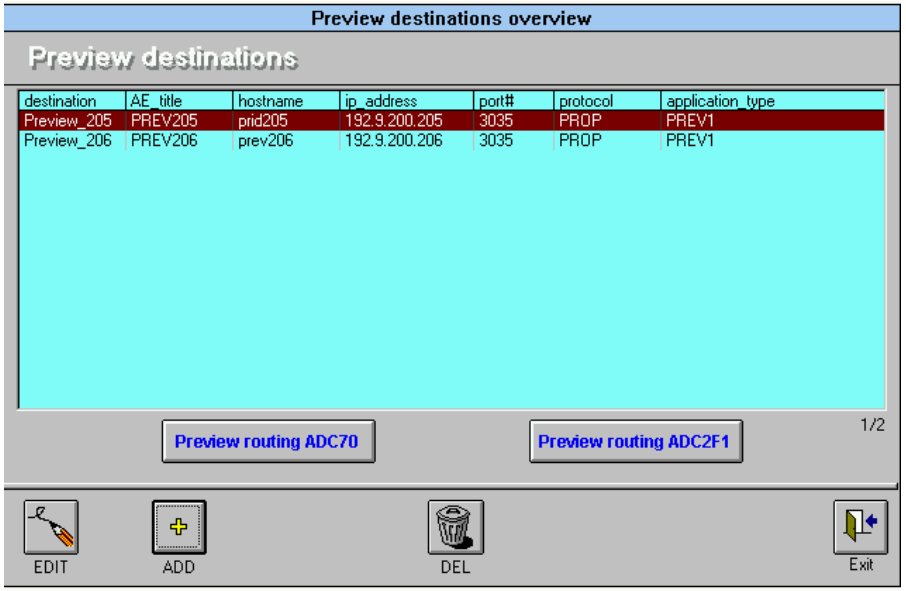


Figure 14

- Click button **<Preview routing ADC2F1>**.

1.2.8 Menu <Preview routing for ADCF1>

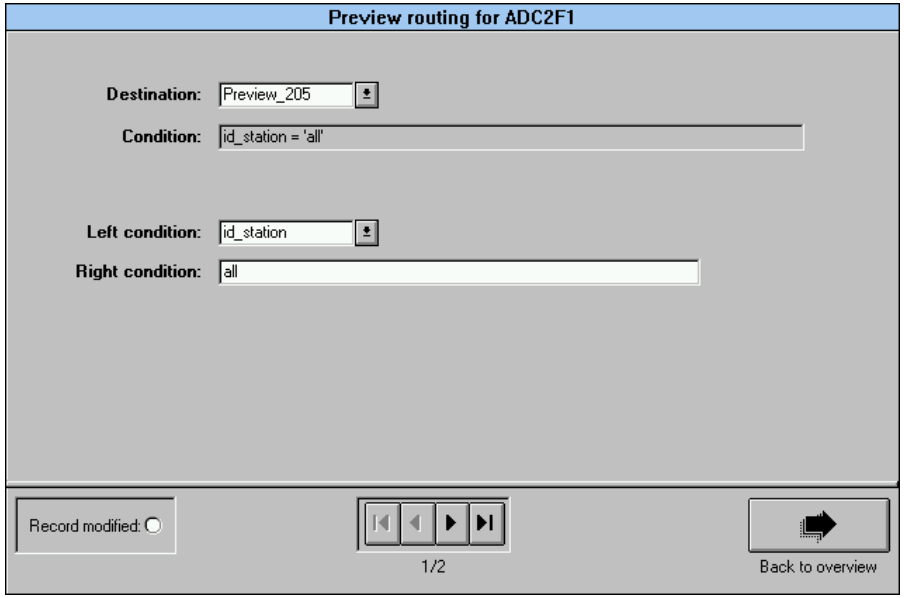


Figure 15

- Recommended selection:
  - Select the Preview–Destination.
  - Select **<id_station>** in field **<Left condition>**.
  - Type in **all** in field **<Right condition>** (without any apostrophes marks).

The text in the field "Condition" appears after the record was modified.

  - Click button **<Back to overview>**.

All other routings conditions have to be done by the application specialist.

Example

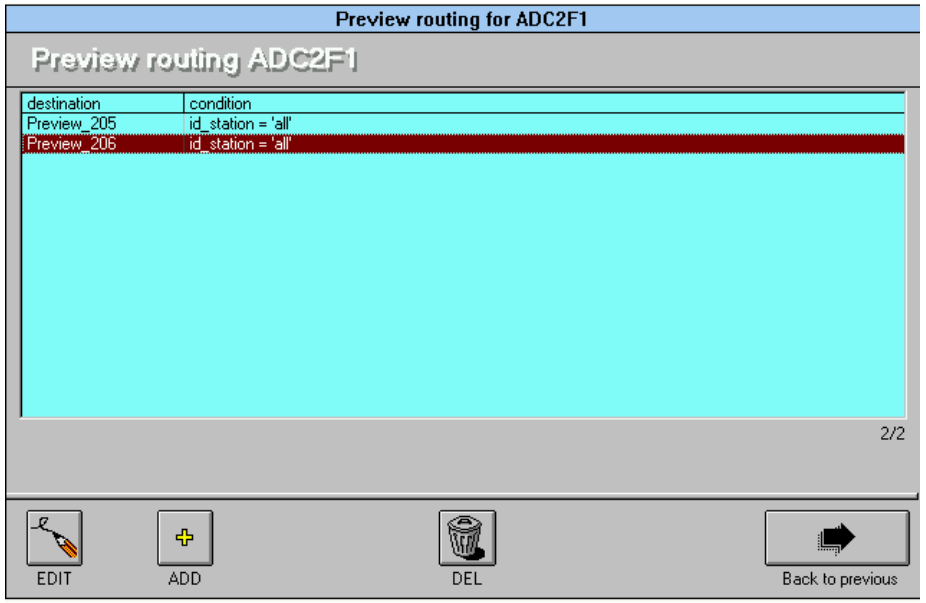


Figure 16

- Click button **<Back to overview>**.
- Click button **<Exit>**.

1.2.9 Menu <Hardcopy destinations>

- Click button **<Hardcopy>**.
- Click button **<Add>**.

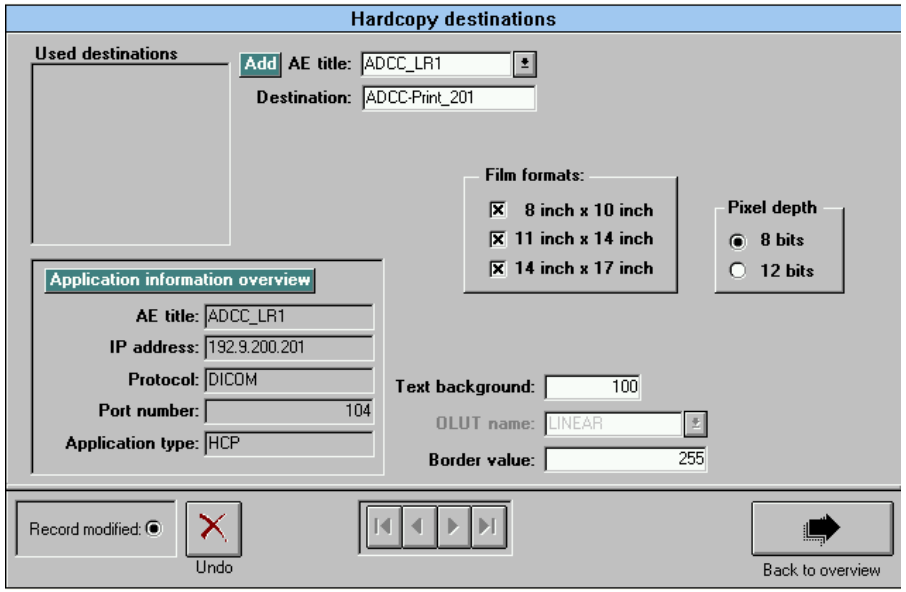


Figure 17

- Select the Hardcopy Destination via AE_title.
- Type in the Destination (name).
- Click button **<Back to overview>**.

- For AGFA Hardcopy destinations select: Pixel depth: 8 bits.
- For 3rd party ask the local hospital system administrator.

Example

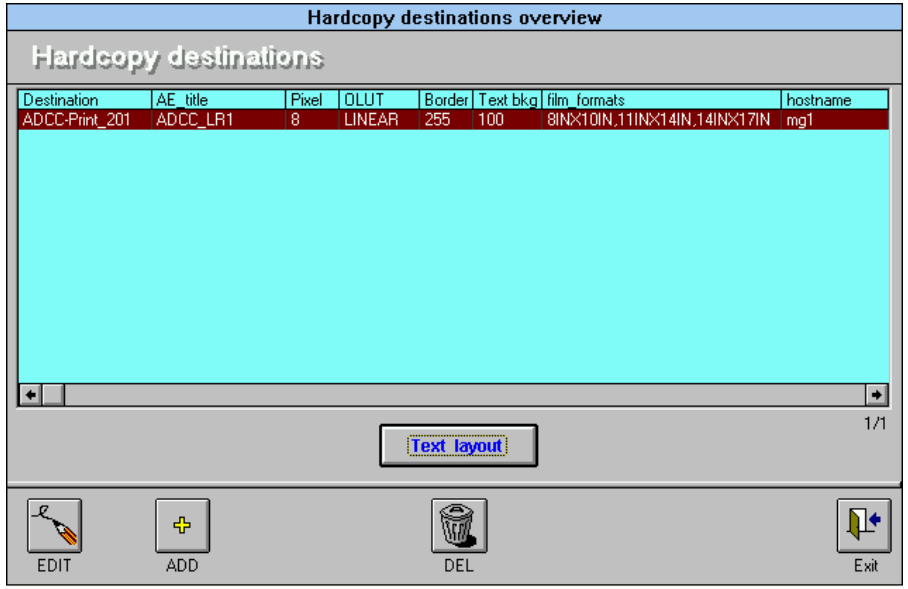


Figure 18

- Click button **<Exit>**.

1.2.10 Menu <Softcopy destinations>

- Click button **<Softcopy destination>**.
- Click button **<Add>**.

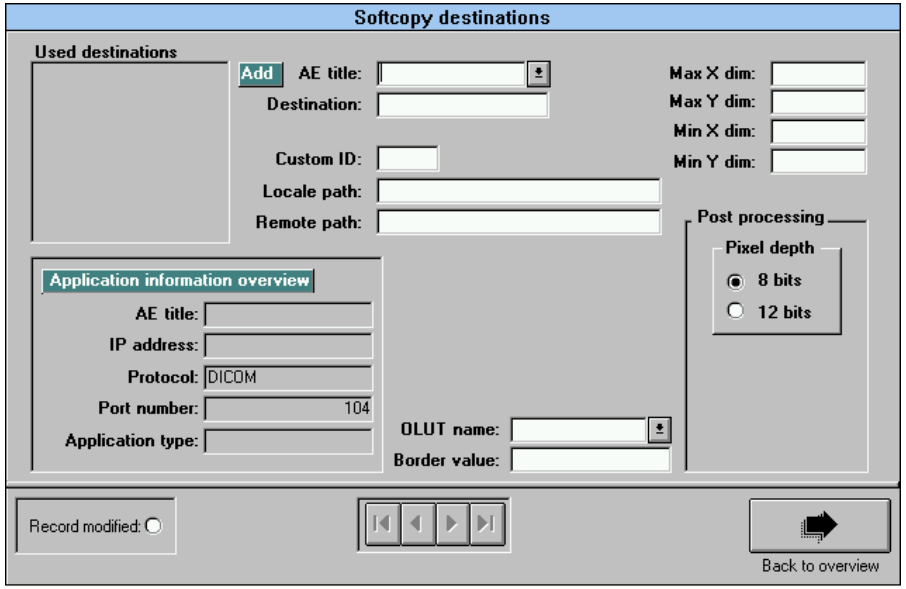


Figure 19

- Select the Softcopy destination via AE_title.
- Type in the Destination (name).
- Click button **<Back to overview>**.
- Click button **<Exit>**.
- Click button **<Main menu>**.

The further softcopy configuration has to be done by the application specialist.

1.2.11 Install Examination for Test purpose

For functionallity tests and image evaluation same examinations have to be installed.

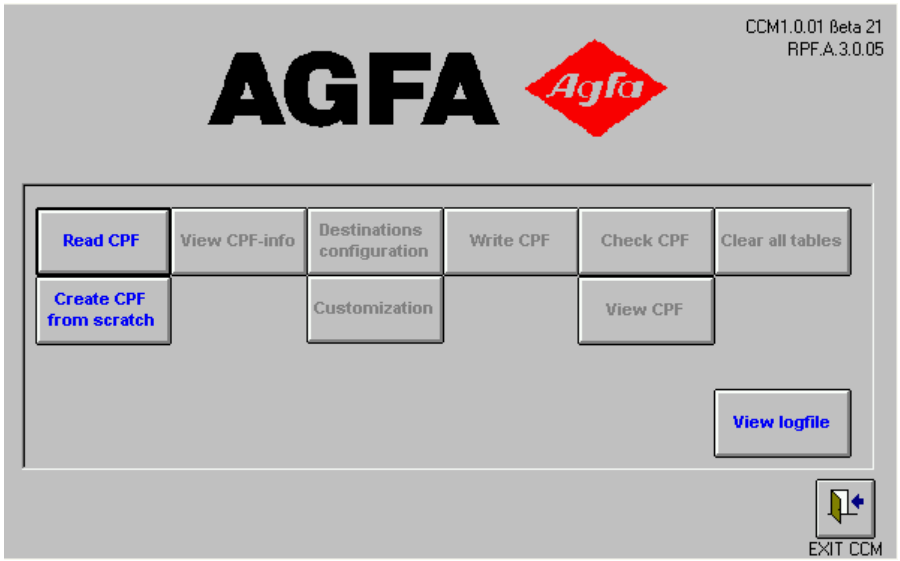


Figure 20

- Click button **<Customization>**.

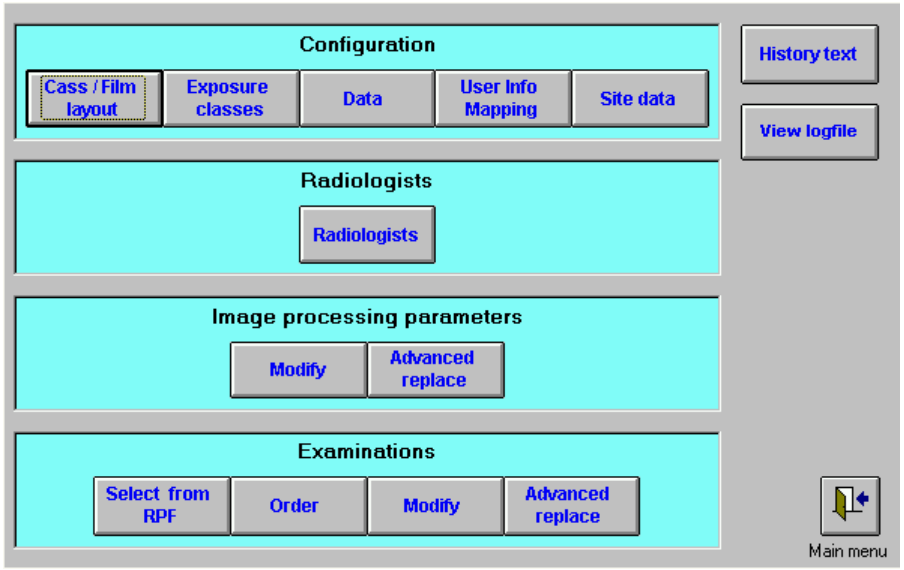


Figure 21

- click button **<Select from RPF>**.

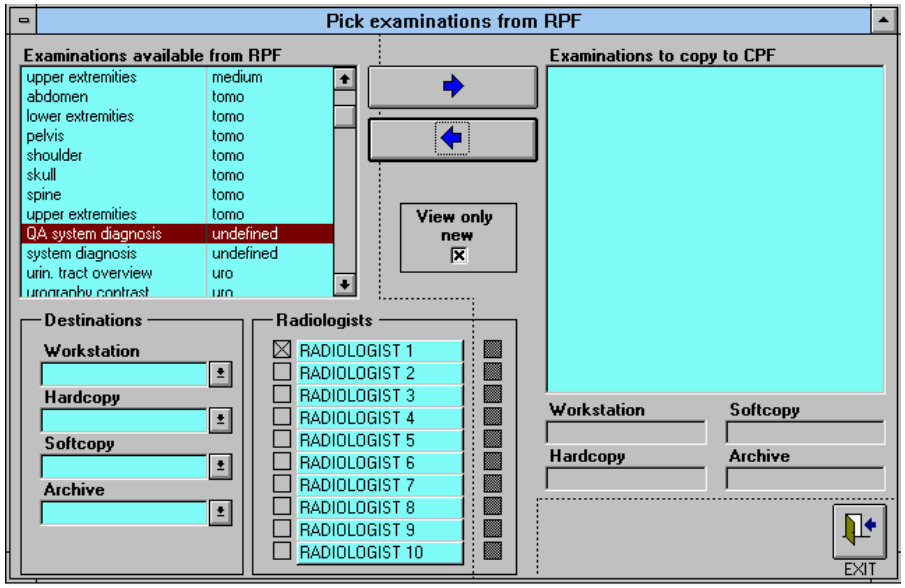


Figure 22

- Click on **one** RADIOLOGIST.

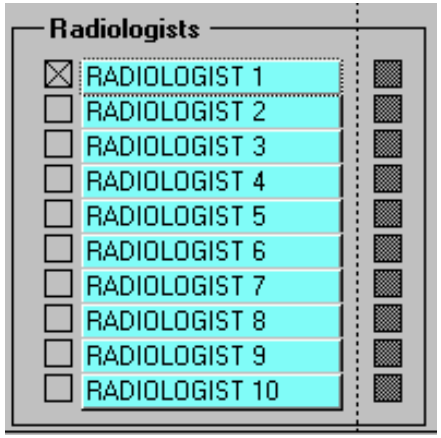


Figure 23

- Click on the examination group ***<system diagnosis>*** (left window of the menu).
- Click the button to copy these examination group to the right window of the menu.

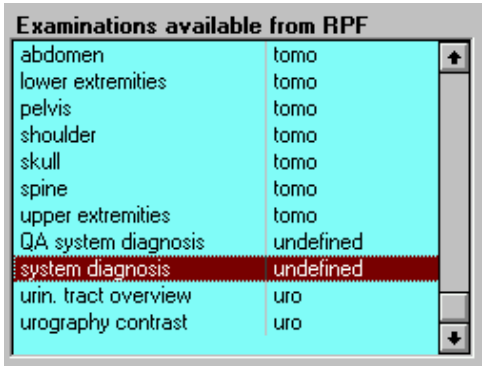


Figure 24

- For copying prepared examination(s) appears in the right window.

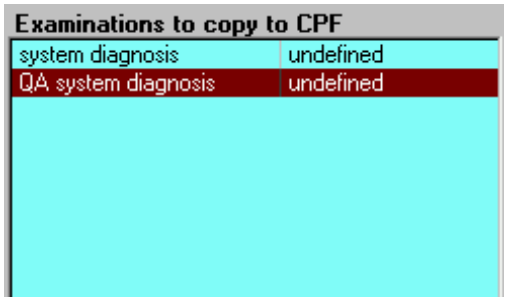


Figure 25

- Select 2nd examination group ***<QA system disgnosis>*** in the same way as before.
- Select a Workstation destination.
- Click button **<Exit>**.

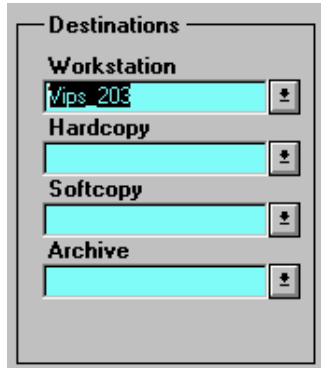


Figure 26

1.2.12 Finish Configuration

- Click button **<Site data>**.

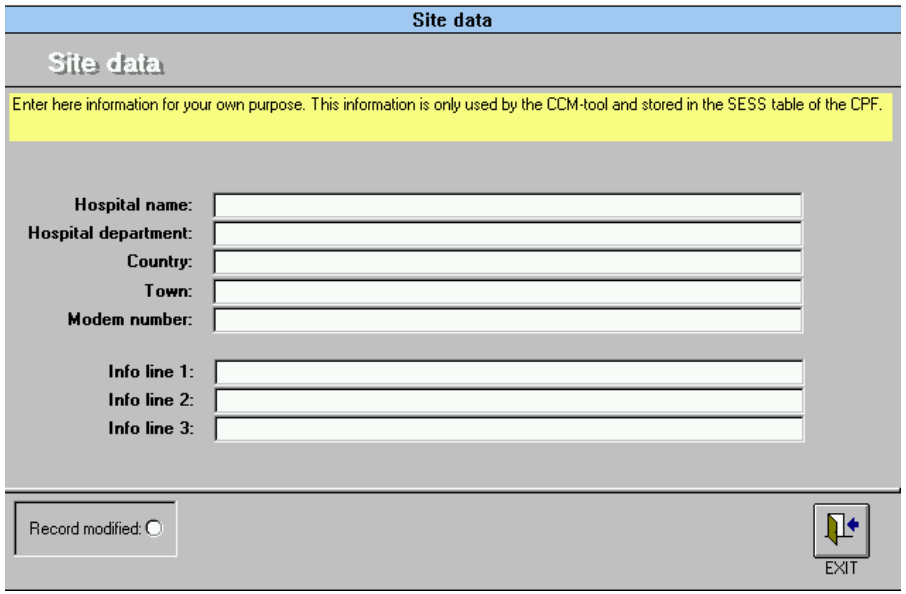


Figure 27

- Type in the site data.
- Click button **<Exit>**.

- If you have any comments click button **<History text>**.

- If you have any comments click button **<History text>**.

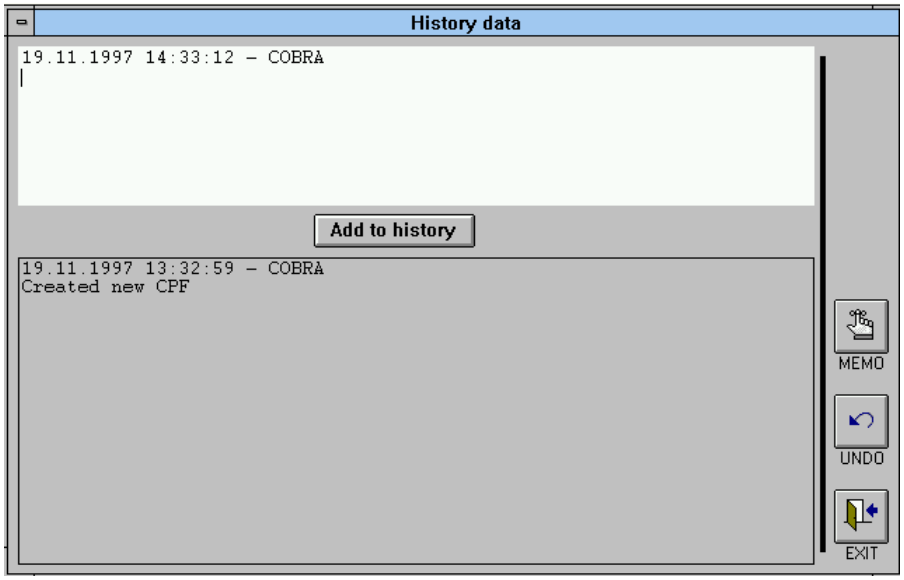


Figure 28

- Click button **<Add to history>**.
- Type in your comments.
- Click button **<Exit>**.
- Click button **<Main menu>**.

- Click **<Write CPF>** and select drive a:\ to save the file **adc.cpf** to the floppy.
- Click **<Clear all tables>** (clears PC memory).
- Click **<Exit CCM>** to close the CCM tool.

Section 6.2

System Configuration
CCM Tool 11xx

DD+DIS026.00E

Order-No.: DD+DIS026.00E

1 Piece QJQ64 MA1

May 2000

ADC System Components

CCM-Tool

Section 6.2

Network Configuration:

Creation and Adaptation of the Configuration File (Version 11xx)

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This document describes only how the network configuration is done with the help of the CCM-tool.
For a complete description of all the functionalities CCM11xx offers, please refer to document **DD+DIS116.00E**

1 Creation and Adaptation of the Configuration File

Before you start the adaptation of the configuration file to the customer specific network parameters, assign the necessary addresses and names with the local network administrator. Note the data in the enclosed form.

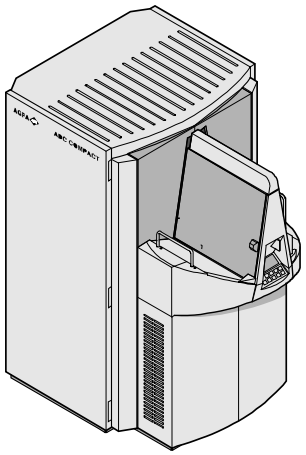
1.1 Which Data is necessary for the Configuration?

The following data is mandatory:

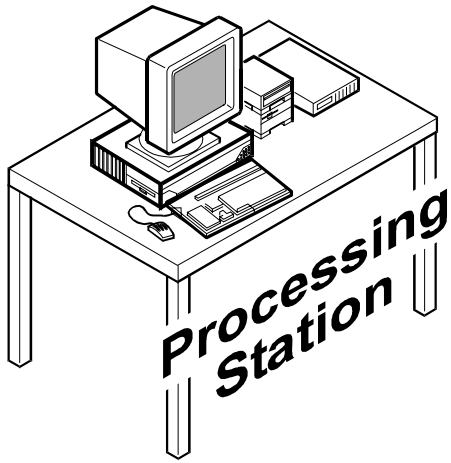
hostname
ip-address
AE-title
stationname

Below and on the next page you see an example of an ADC System installation. It illustrates all necessary network data, which you assigned together with the application specialist and the local network administrator.

hostname:	**adcc1**
ip_addr.:	**192.9.200.199**
subnet_mask:*	**<** **>**
default router:*	**<** **>**
AE_title:	**ADC_COMPACT**
StationName:	**Scanner_199**

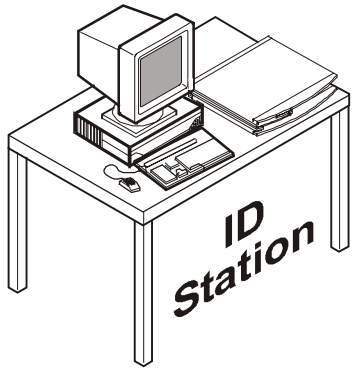


hostname:	**vips203**
ip_addr.:	**192.9.200.203**
subnet_mask:*	**<** **>**
default router:*	**<** **>**
AE_title:	**VIPS_203**
StationName:	**Vips_203**

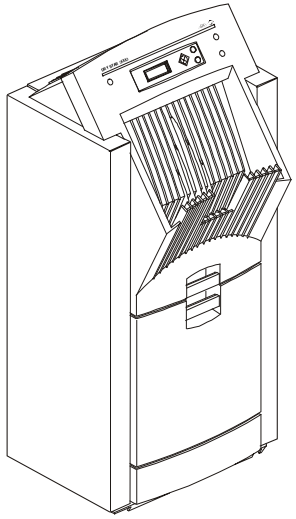


*depends on the local network of the hospital.

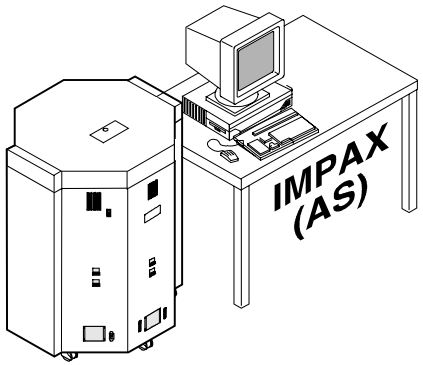
hostname:	**Id207**
ip_addr.:	**192.9.200.207**
subnet_mask:*	**<** **>**
default router:*	**<** **>**
AE_title:	**ID_207**
StationName:	**ID-Station_207**



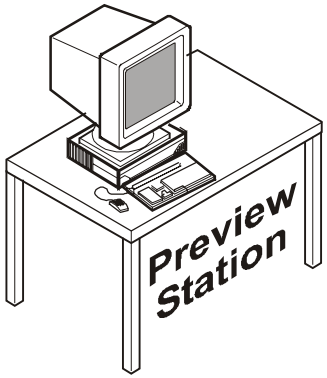
hostname:	**dry202**
ip_addr.:	**192.9.200.202**
subnet_mask:*	**<** **>**
default router:*	**<** **>**
AE_title:	**DRYSTAR3000**
StationName:	**Dry3000_202**



hostname:	**idrars1**
ip_addr.:	**192.9.200.103**
subnet_mask:	**<** **>**
default router:	**<** **>**
AE_title:	**AS1**
StationName:	**Impax_Arch_1**



hostname:	**prev206**
ip_addr.:	**192.9.200.206**
subnet_mask*:	**<** **>**
default router:*	**<** **>**
AE_title:	**PREV206**
StationName:	**Preview_206**



*depends on the local network of the hospital.

1.2 Edit the Configuration File with the CCM Tool

- Start the CCM Tool on your Service PC by double-clicking the CCM Icon.
- Type in your name (used for history and session information) and confirm.
- Click button **<Create CPF from scratch>**.

If the left 3 buttons are disabled, you have to click **<CLEAR all tables>**.

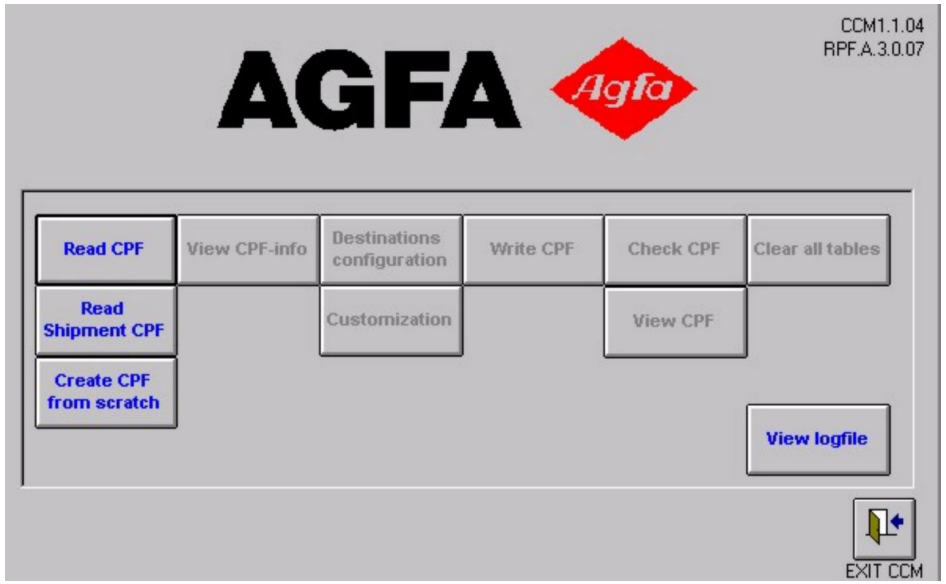


Figure 1

- Choose the RPF language (Language of the examinations) and confirm.

basic = English.

- Click button **<Destinations configuration>**.

1.2.1 Menu <Destinations Configuration>

Fill in the network parameters in the following sequences:
Installation of devices:
Network - Application - Devices.
Deinstallation of devices:
Devices - Application - Network

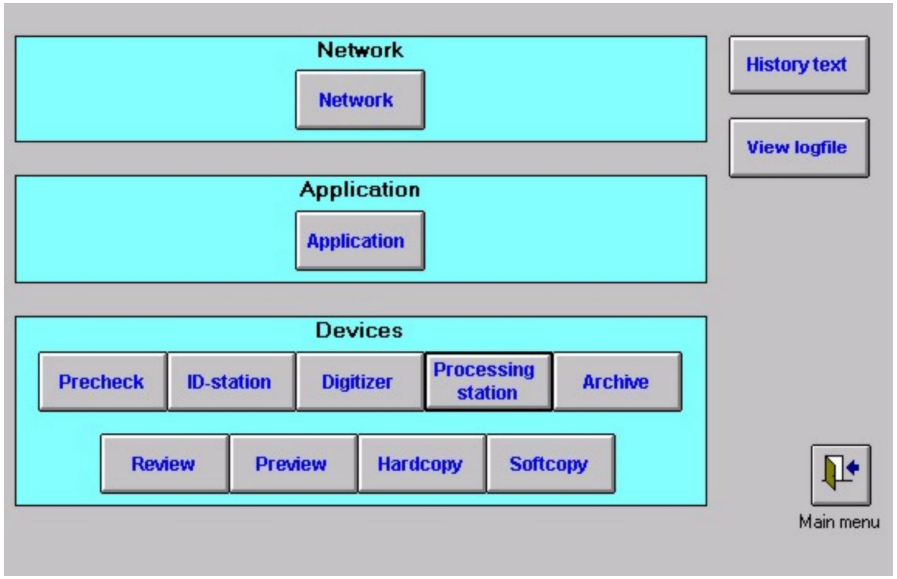


Figure 2

1.2.2 Menu <Network Hosts>

- Click button **<Network>**.
- Click button **<ADD>**.

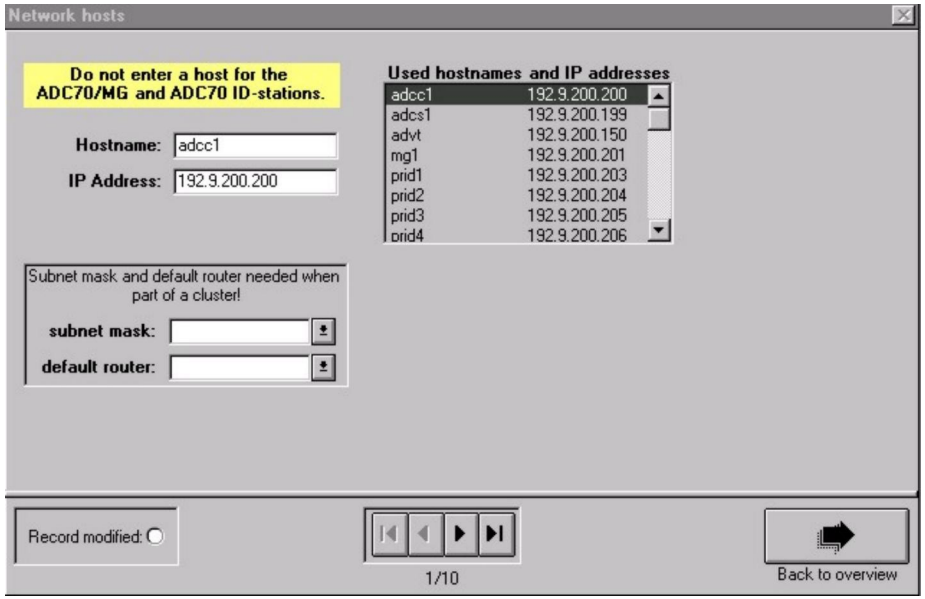


Figure 3

- Type in the network data (hostname, IP address and if required the subnet_mask and the default_router).
- Repeat this until all network components are added.
- Click button **<Back to overview>** (the data will be stored).

Example of a completely filled Menu

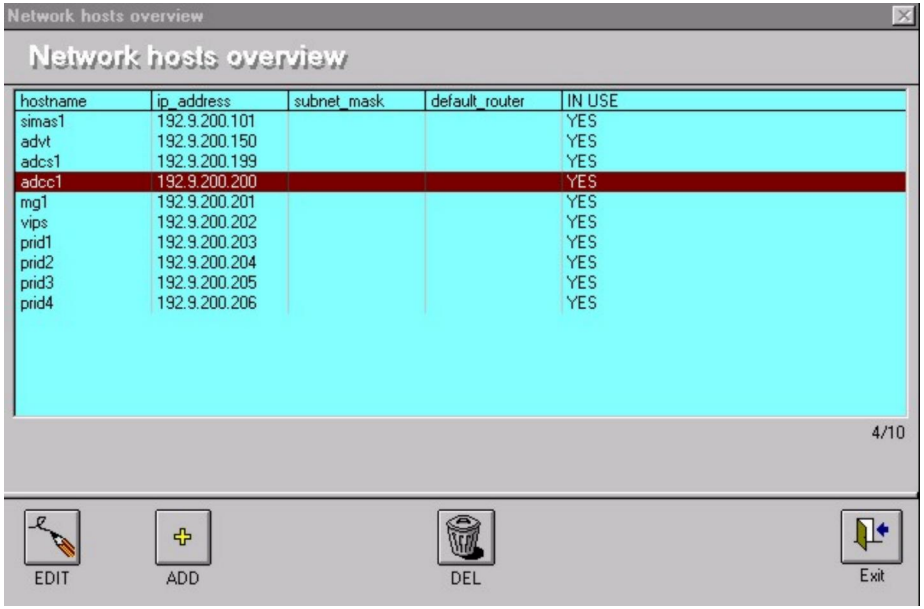


Figure 4

The data in the window are only examples.

- Click button **<Exit>**.

1.2.3 Menu <Application type Information>

- Click button **<Application>**.
- Click button **<ADD>**.

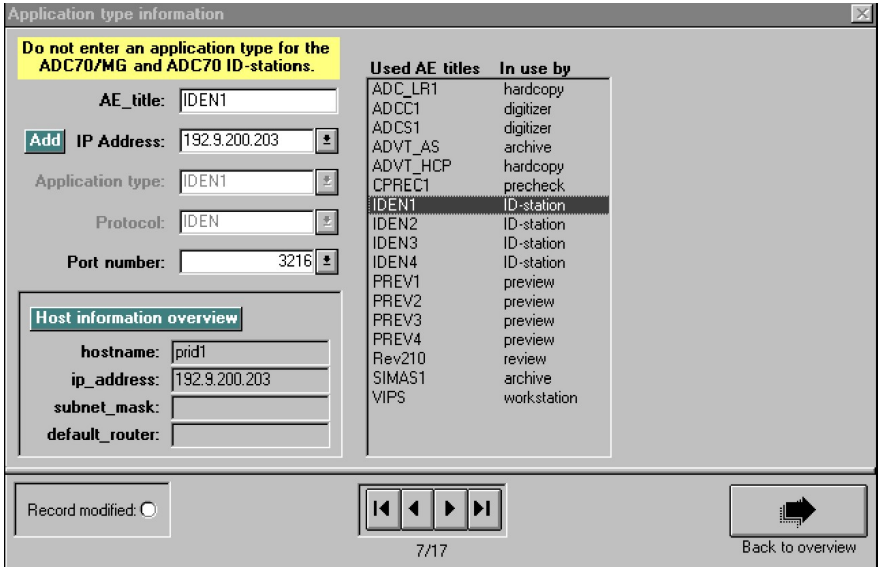


Figure 5

- Type in the AE_title.
- Select the belonging IP_adress.
- Select the belonging Application type (see table beside).
- Check the pre-determined Protocol and Port number or change it (see table beside).
- Repeat this for all network components.
- Click button **<Back to overview>**.

Example

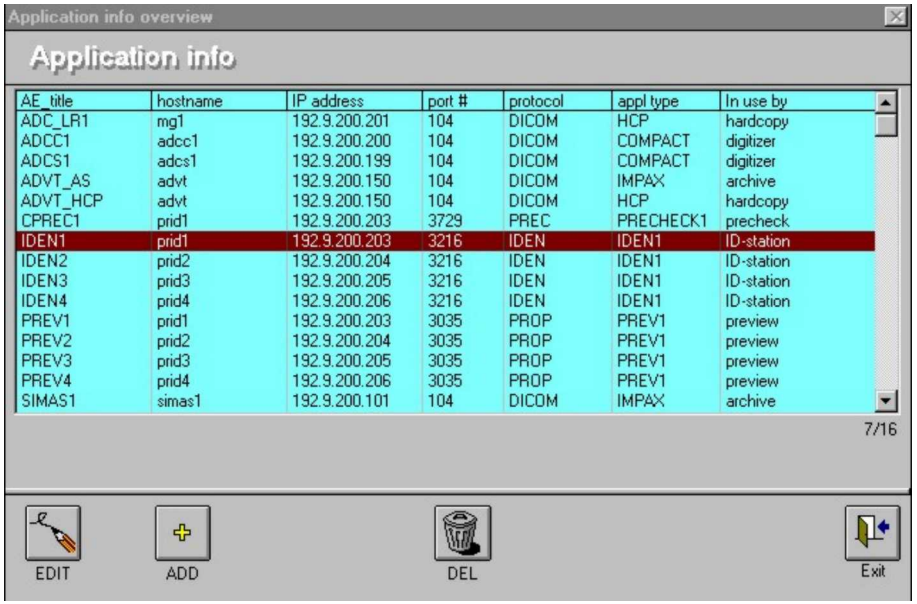

Application info overview
Application info
AE_title hostname IP address port # protocol appl type In use by
ADC_LR1 mg1 192.9.200.201 104 DICOM HCP hardcopy
ADCC1 adcc1 192.9.200.200 104 DICOM COMPACT digitizer
ADCS1 adcs1 192.9.200.199 104 DICOM COMPACT digitizer
ADVT_AS advt 192.9.200.150 104 DICOM IMPAX archive
ADVT_HCP advt 192.9.200.150 104 DICOM HCP hardcopy
CPREC1 prid1 192.9.200.203 3729 PREC PRECHECK1 precheck
IDEN1 prid1 192.9.200.203 3216 IDEN IDEN1 ID-station
IDEN2 prid2 192.9.200.204 3216 IDEN IDEN1 ID-station
IDEN3 prid3 192.9.200.205 3216 IDEN IDEN1 ID-station
IDEN4 prid4 192.9.200.206 3216 IDEN IDEN1 ID-station
PREV1 prid1 192.9.200.203 3035 PROP PREV1 preview
PREV2 prid2 192.9.200.204 3035 PROP PREV1 preview
PREV3 prid3 192.9.200.205 3035 PROP PREV1 preview
PREV4 prid4 192.9.200.206 3035 PROP PREV1 preview
SIMAS1 simas1 192.9.200.101 104 DICOM IMPAX archive
7/16
EDIT
ADD
DEL
Exit

Figure 6

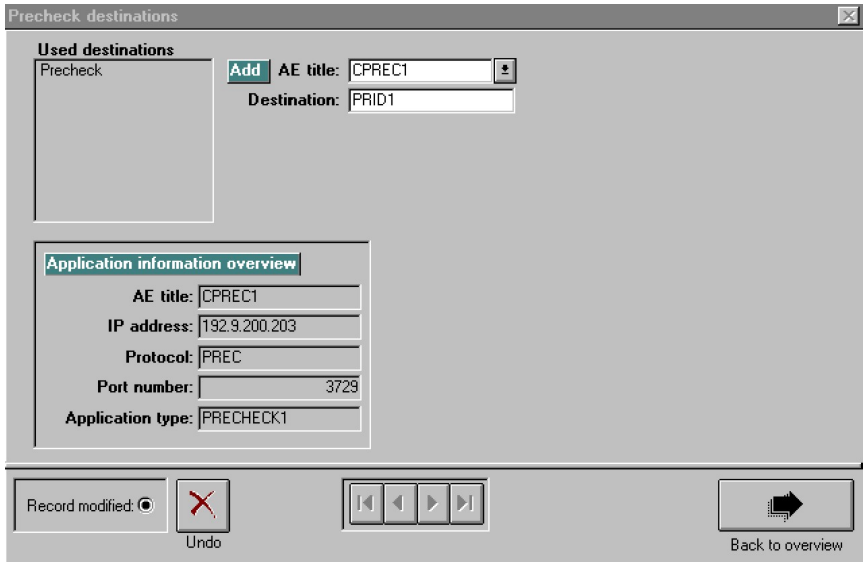
- click button **<Exit>**.

Application types	Protocol	Port #	Comment
IMPAX	DICOM	104	archive for AGFA NWG
IMPAX	DICOM	depends on destination	review for 3rd party stations only
HCP	DICOM	104	Hardcopy destination type
SCP	NFS	0	Softcopy destination type
PS5000	DICOM	104	PS5000 applic.; only for ADC 70
COMPACT	DICOM	104	ADC COMPACT application
DIPS1	DICOM	104	Image processing workstation application
PREV1	PROP	3035	PREVIEW STATION application
IDEN1	PROP	3035	ID STATION application
PRECHECK	PREC	3729	Appl. type for fast preview

1.2.4 Menu <Precheck>

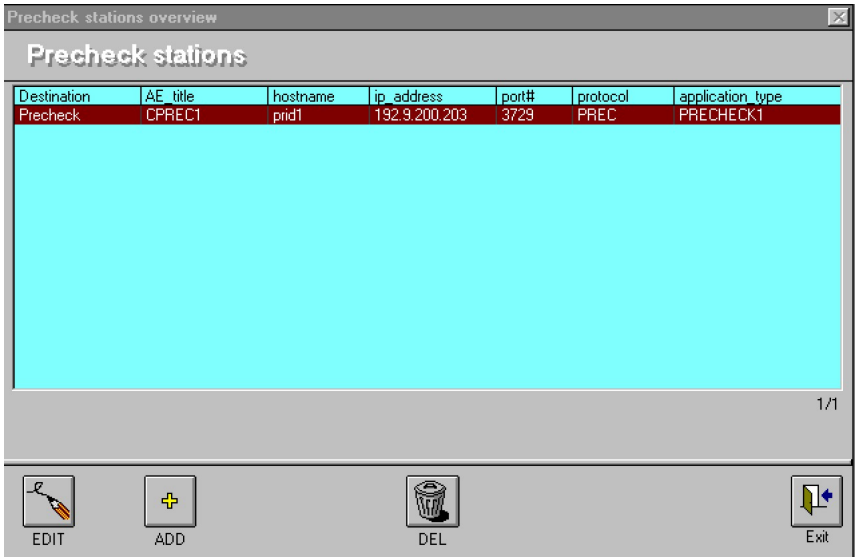
Precheck is only supported from PRID12xx, COP13xx, SOL12xx on.
Do not change anything for lower versions.

- Click button **<Precheck>**
- Click button **<ADD>**



- Select the Precheck Station via AE_title.
- Type in the destination name.
- Click button **<Back to overview>**.

Example



- Click button **<Exit>**.

1.2.5 Menu <ID-Station>- <Digitizer>- <Processing Station>

- Click button **<ID-Station>**
- Click button **<ADD>**

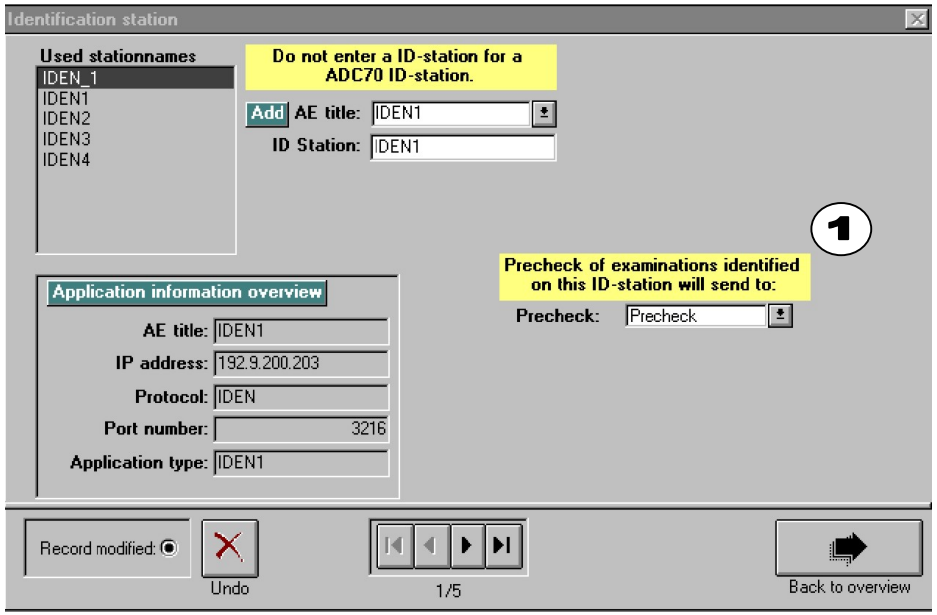


Figure 7

- Select the ID-Station via AE_title.
- Type in the IDStationName respectively the destination name.
- Repeat this for all ID-Stations.
- Click button **<Back to overview>**.
- Repeat the procedure for **<Digitizer>** and **<Workstation>**.

Example

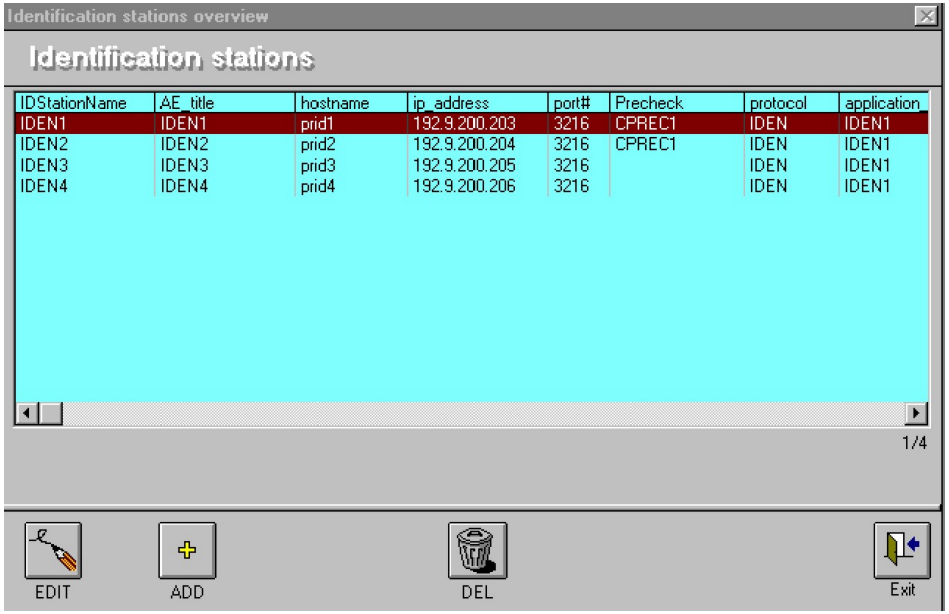

Identification stations overview
Identification stations
IDStationName | AE_title | hostname | ip_address | port# | Precheck | protocol | application
IDEN1 | IDEN1 | prid1 | 192.9.200.203 | 3216 | CPREC1 | IDEN | IDEN1
IDEN2 | IDEN2 | prid2 | 192.9.200.204 | 3216 | CPREC1 | IDEN | IDEN1
IDEN3 | IDEN3 | prid3 | 192.9.200.205 | 3216 | | IDEN | IDEN1
IDEN4 | IDEN4 | prid4 | 192.9.200.206 | 3216 | | IDEN | IDEN1
1/4
EDIT
ADD
DEL
Exit

Figure 8

- Click button **<Exit>**.

(1) If you do not select any "Precheck" destination here, but "Fast Preview" is activated, the images will arrive on the ID-Station where the cassette was identified. This is the default setting.

1.2.6 Menu <Archive destinations>

- Click button **<Archive>**.
- Click button **<Add>**.

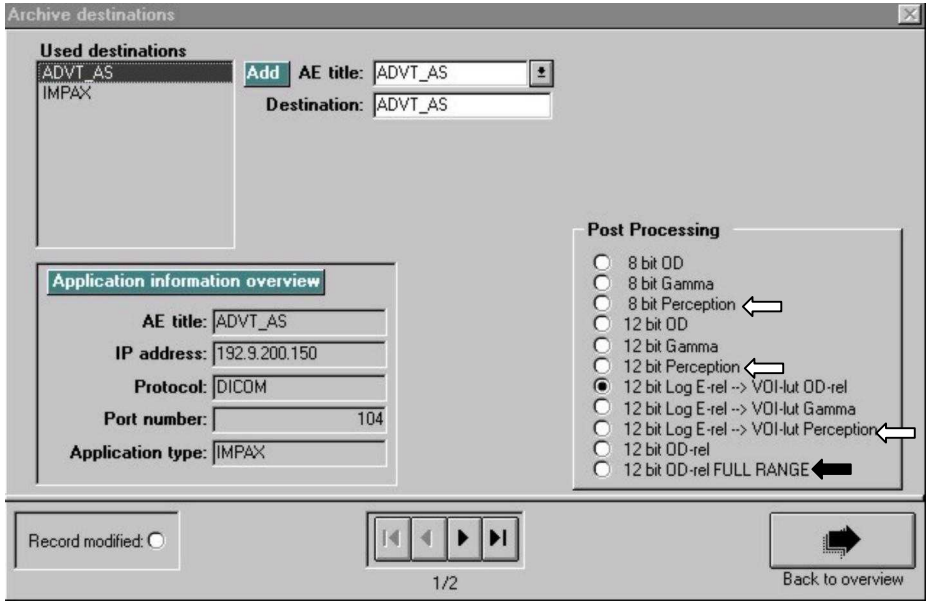


Figure 9

- Select the Archive Station via AE_title.
- Type in the Destination (name).
- Click button **<Back to overview>**.

The images have to be sent to a Network Gateway!

- **For IMPAX we recommend the following selections:**
- Pixel depth: **12 bits**.
- Image type: **LogE-rel**.
- OLUT: **LINEAR**

Example

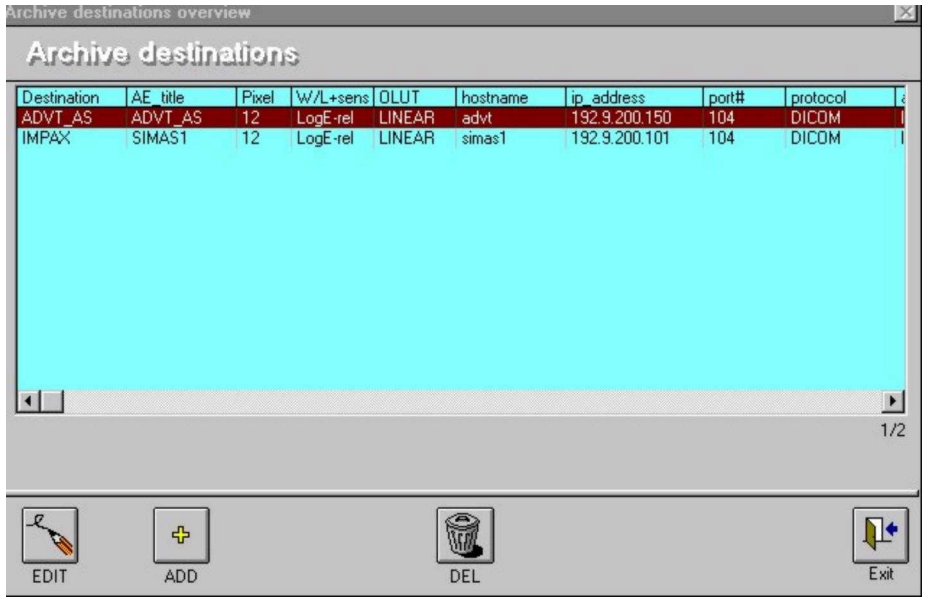


Figure 10

- Click button **<Exit>**.

"Perception Lut" (white arrows) only available from VIPS 12XX on. Do not select if you have a lower version.

"12bit OD-rel FULL RANGE" (black arrow) only available from VIPS 1.1.06 on

1.2.7 Menu <Review destinations>

- Click button **<Review>**.
- Click button **<Add>**.

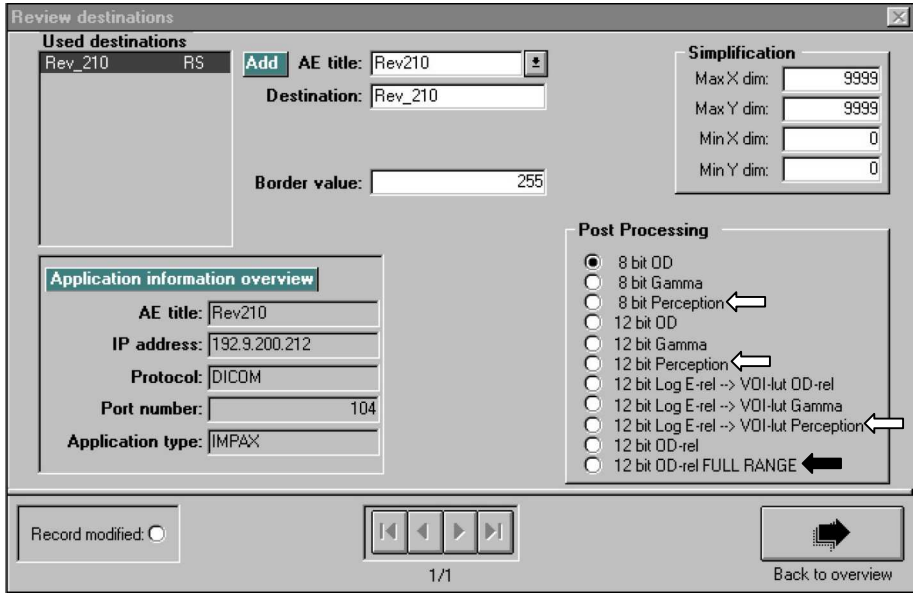


Figure 11

- Select the Review Station via AE_title.
- Type in the Destination (name) of the 3rd party device.
- Click button **<Back to overview>**.

ADC COMPACT --> IMPAX:

Do not send images directly to an IMPAX Review Station!

The images have to be sent to an IMPAX via a Network Gateway module. The routing has to be done by the NG.

ADC COMPACT → 3rd Party:

Ask the local system administrator or better the project responsible.

- **Selections for IMPAX:**

Pixel depth:	12 bits	**Min X/Y dim:**	0
Image type:	LogE-rel	**Max X/Y dim:**	9999
OLUT:	LINEAR		

Example

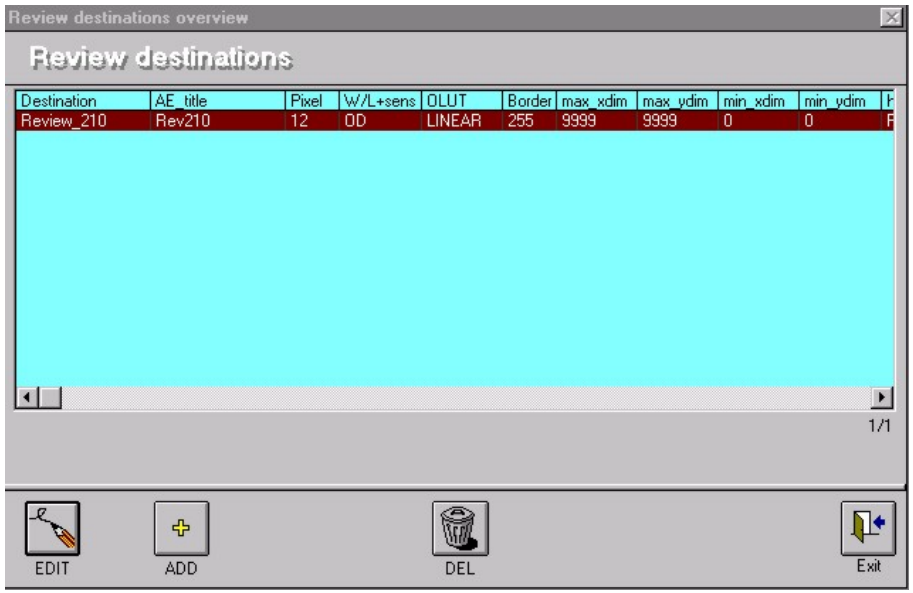


Figure 12

- click button **<Exit>**.

"Perception Lut" (white arrows) only available from VIPS 12XX on. Do not select if you have a lower version.

"12bit OD-rel FULL RANGE" (black arrow) only available from VIPS 1.1.06 on

1.2.8 Menu <Preview destinations>

- Click button **<Preview>**.
- Click button **<Add>**.

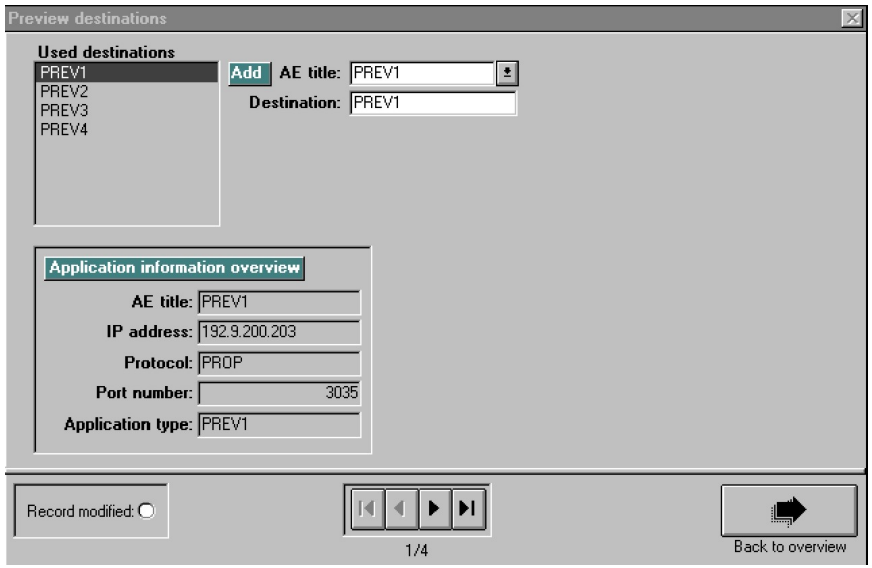


Figure 13

- Select the Preview Station via AE_title.
- Type in the Destination (name).
- Click button **<Back to overview>**.

Example

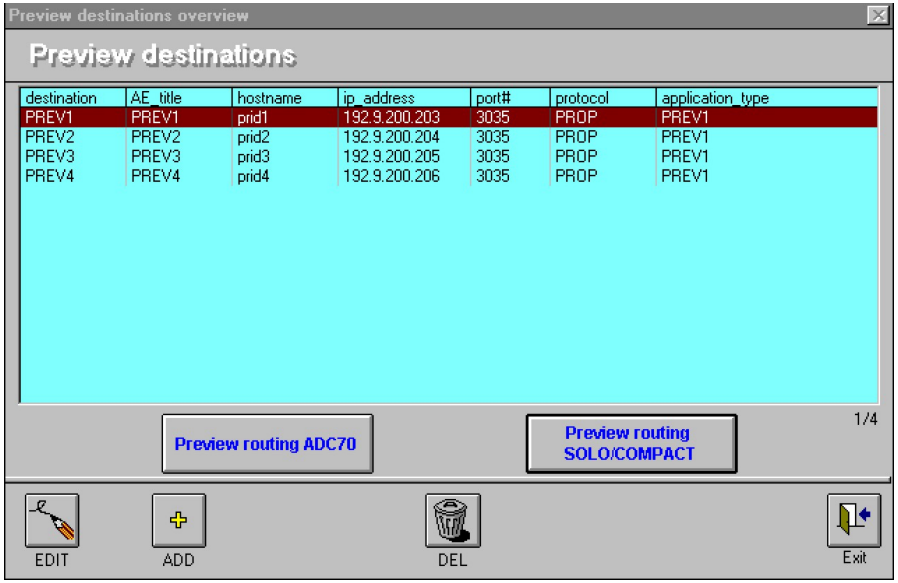


Figure 14

- Click button **<Preview SOLO/COMPACT>**.

1.2.9 Menu <Preview routing for ADC2F1>

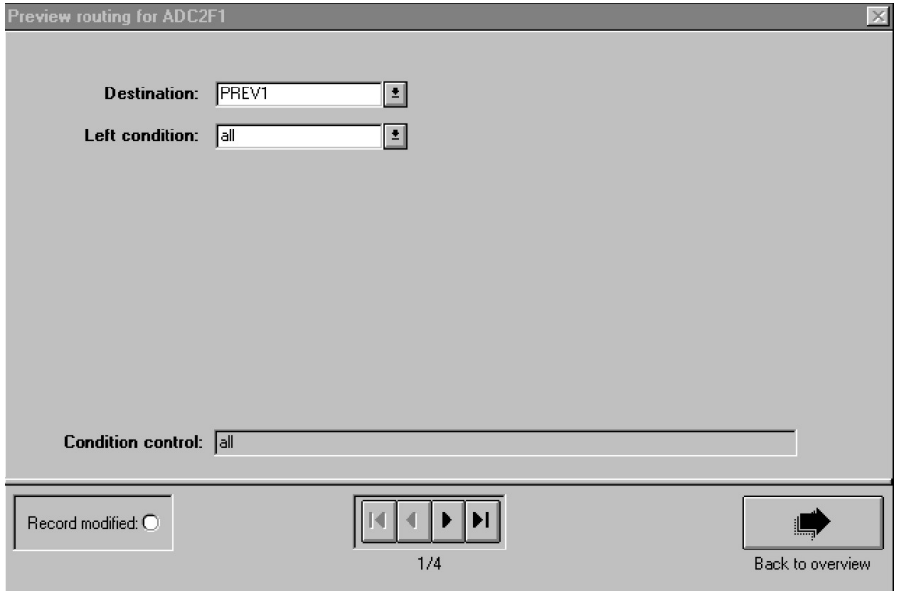


Figure 15

- Recommended selection:
  - Select the Preview–Destination.
  - Select **all** in field **<Left condition>** .

The text in the field "Condition" appears after the record was modified.

  - Click button **<Back to overview>**.

All other routing conditions have to be done by the application specialist.

Example

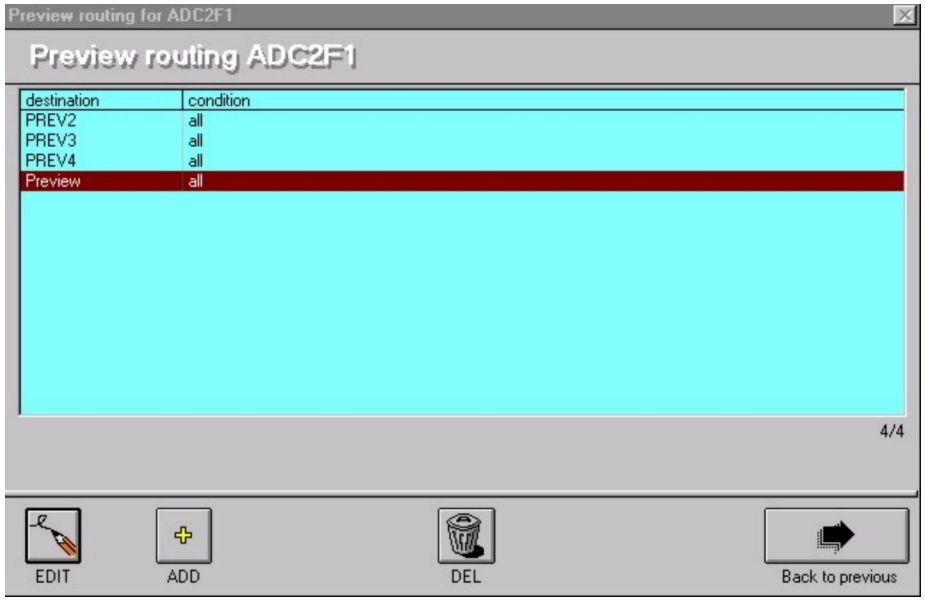


Figure 16

- Click button <Back to overview>.
- Click button **<Exit>**.

1.2.10 Menu <Hardcopy destinations>

- Click button **<Hardcopy>**.
- Click button **<Add>**.

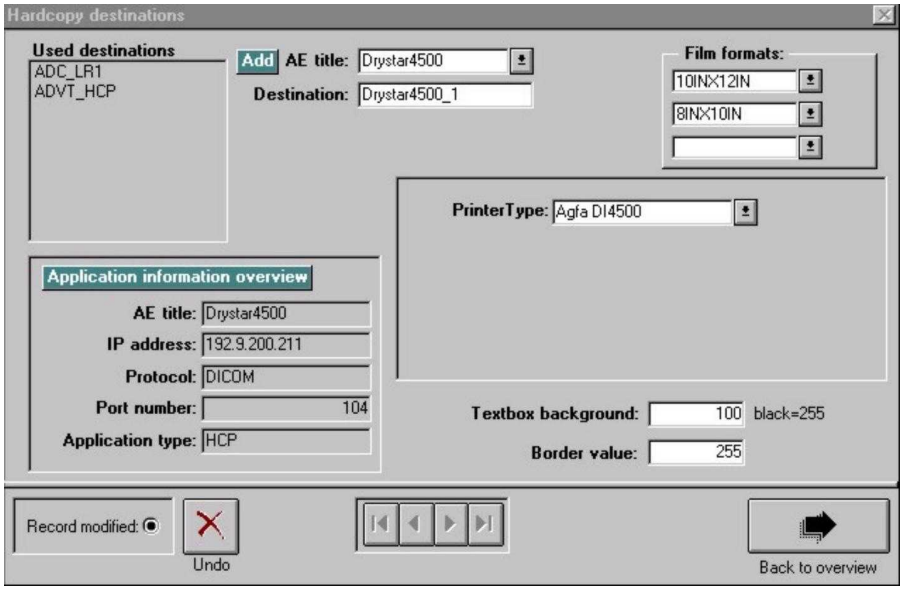


Figure 17

- Select the Hardcopy Destination via AE_title.
- Type in the Destination (name).
- Select a "Printer Type" from the list of available printers.
  (see appendix 1: supported printers, at the end of this document).

Two cases are possible:

a) Printer is in the list

(The printer list is updated regularly. Please keep yourself informed!)

- select a printer
- select the "film formats" you want to use
- click **<Back to overview>**

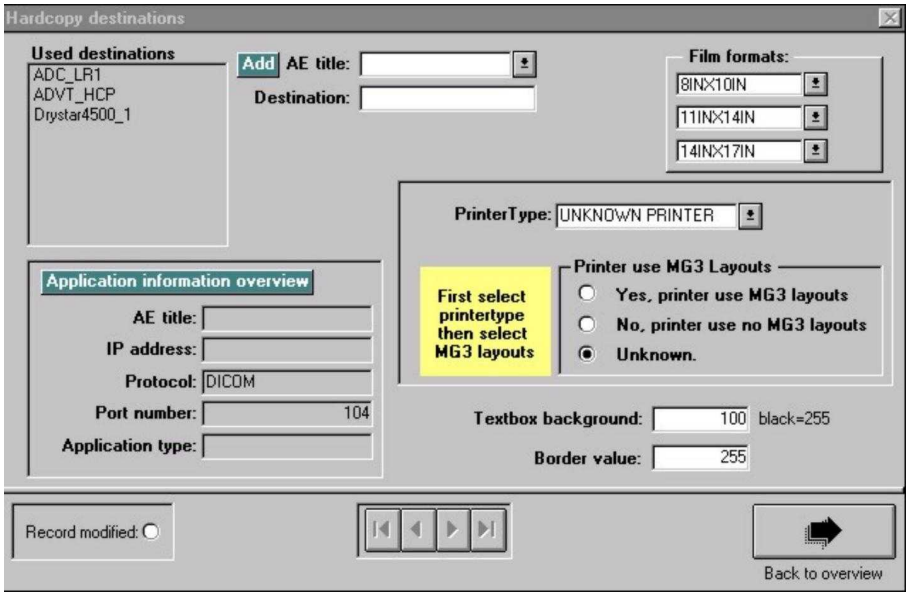


Figure 18

b) Printer is not in the list ("Unknown Printer")

If you specify a printer which is not in the list (i.e. "Unknown Printer") you need a parameter file, which has to be downloaded to the Processing Station. This parameter file contains printer specific parameters. Each of these printer parameter files has to be verified and released by AGFA before you are allowed to connect a printer of that type.
In that case please contact one of the GSCs for further assistance.

- Click **<Exit>**.

1.2.11 Menu <Softcopy destinations>

- Click button **<Softcopy destination>**.
- Click button **<Add>**.

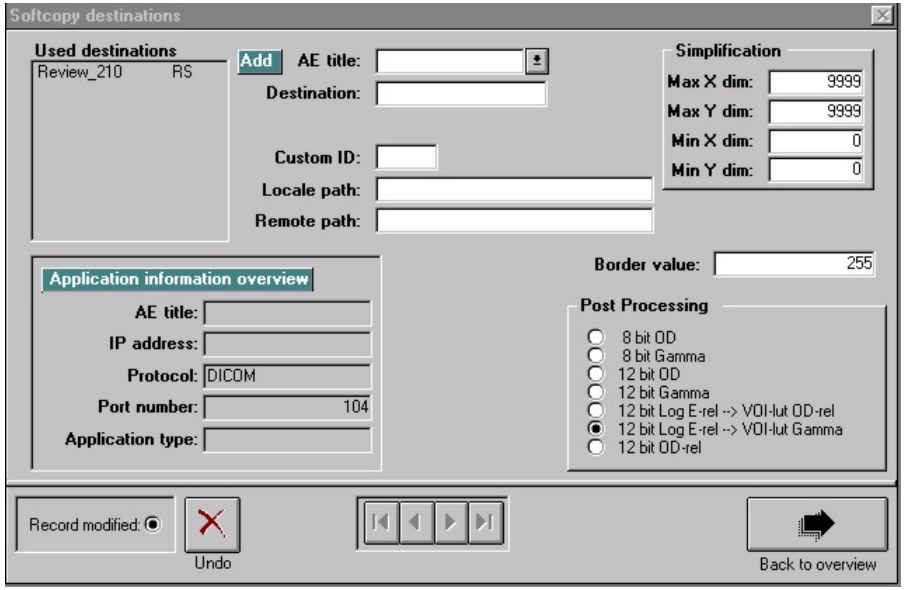


Figure 19

- Select the Softcopy destination via AE_title.
- Type in the Destination (name).
- Click button **<Back to overview>**.
- Click button **<Exit>**.
- Click button **<Main menu>**.

The further softcopy configuration has to be done by the application specialist.

1.2.12 Finish Configuration

- Click button **<Site data>**.

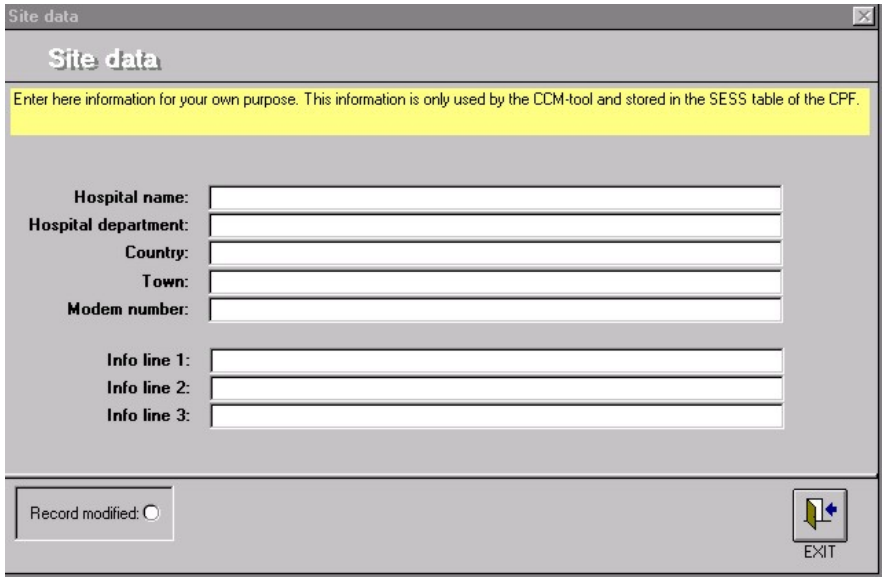


Figure 20

- Type in the site data.
- Click button **<Exit>**.

- If you want to add any comments, click button **<History text>**.

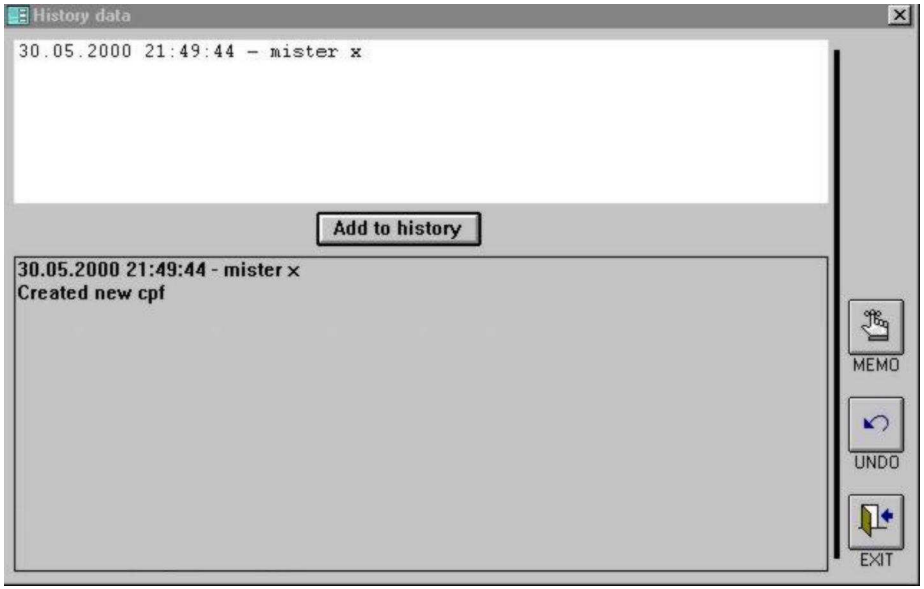


Figure 21

- Click button **<Add to history>**.
- Type in your comments.
- Click button **<Exit>**.
- Click button **<Main menu>**.
- Click **<Write CPF>** and select drive a:\ to save the file **adc.cpf** to the floppy.
- Click **<Clear all tables>** (clears PC memory).
- Click **<Exit CCM>** to close the CCM tool.

Appendix 1: Supported Printers

a) Printers tested for VIPS.1.1.05

3M - Imation 8100
3M - Imation 8300
3M - Imation 8500
3M - Imation 8600
3M - Imation 8700
AGFA DI2000 *
AGFA DI3000 *
AGFA DI4500
AGFA DI4500 Low Res
AGFA DI4700
AGFA LR3300 *
AGFA LR5200 *
AGFA LR5200 High Res *
Kodak KELP100XLP
Kodak KELP1120
Kodak KELP2180
Kodak MLP-190
Kodak XLT7720
Sterling DI400
Sterling LP400
Sterling SIJ100
Sterling SIJ400

b) Available but not tested printers

3M - Imation HQ969
Codonics NP1600
Codonics NP1660
Fuji FL-IMD
Fuji IM2636
Fuji IM3543
Fuji FM-DPL
Fuji CR-DP
Konica 10x12
Konica 11x14
Konica 14x17
Konica 8x10
Konica LI10/LI21
Konica DRYPRO 722

Printers marked with * support MG3 layouts

(divider)

Section 6.2

Description of the Printer Definition Files

DD+DIS012.01E

MEDICAL IMAGING
CSO Customer Support Operations

Technical Documentation

Order-No.: DD+DIS012.01E

1 Piece UJONQ MA1

January 2001

ADC System Components

Type 4406

Please file this document in section 6.2
of your Technical Documentation ADC System

Description of the Printer Definition Files version PRN.A.3.0.01

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printed in Germany

AGFA

1 General Information on "Printer Definition Files" (P.D.F.)

Via the "printer definition files" non AGFA DICOM printers can be integrated into an ADC System. Each “printer definition file” contains information about one certain printer type and model. Parameters maybe supported film sizes, used media type or pixels per millimeter. The evaluation and release of these files is done by headquarter people. Thus, no manipulation of that files should be necessary in the field.

The printer definition files will be distributed independently from VIPS / CCM software releases in the future. They will be distributed when new connectivity to printers has been released (normally on a floppy with a version number (current version:PRN.A.3.0.01) or via DigiNet. The current version of that “printer definition files” will be included in the upgrade package for the VIPS.1.1.09 (Order Code: EB+4406.0722).

From VIPS.1.1.09 and CCM.1.1.05 on, there is a possibility provided to download the newly released “printer definition files”. Please note that the current version PRN.A.3.0.01 of the "printer definition files" is already integrated as default in the printer list of CCM 1.1.05. However, it still has to be downloaded to the VIPS.1.1.09. The procedure is described below.

The "printer definition files" have already been introduced with VIPS 1.1.05 to send to non AGFA DICOM Printers and increase the number of print layouts for the SmartPrint option. However, we did not yet have the flexibility there to update the “known printer” database in the CCM and VIPS software respectively, without upgrading the software. This is now possible in an easy manner.

2 Description of the Printer Definition Floppy

The release of P.D.F. is managed by Integration Engineering, whereas the distribution is done by MI CSO. Each set of P.D.F release has a version encoded as `PRN.X.n.n.nn`
The contents is:

- multiple `PRINTER-ID.txt` printer definition files for VIPS, containing date and version for IE version management
- `PRINTERS.prd` listing file for VIPS Maintenance menu procedures. This file contains for each printer definition file on the floppy a line with these fields:

```
#printer            file                comment
PRINTER-ID          PRINTER-ID.txt      Free text
...                 ...                 ...
```

- `Printers.mdb` file for CCM tool, containing tables for printers and film sizes, containing the version `PRN.X.n.n.nn` and date
- `VERSION` file, containing version PRN.X.n.n.nn and date

3 Installation of the "Printer Definition Files"

Make sure you are installing a set of printer definition files (PDF) that is compatible with the cpf-file that is used on this system
Current configuration:

- printer definition file floppy PRN.A.3.0.01
- CCM – tool 1.1.05
- VIPS 1.1.09

3.1 Installation on the Processing Station

The upgrade of the set of P.D.F.s in your VIPS software may make it necessary to redo some printer settings in the cpf-file with CCM.1.1.05. Please consider that if you have printing problems after the upgrade, redo the cpf-file with CCM 1.1.05

No.	Procedure Steps	Display / Comment
1.	go to **<Maintenance>**, enter password and hit **<Return>**	
2.	Insert "Printer definition files" floppy disk	
3.	Select: **2** to select **Install** and hit **<Return>** **8** to select **Printers** and hit **<Return>** **1** to select **CopyPrinters** and hit **<Return>**	Files are copied. You are asked to confirm every file that has to be overwritten.
4.	Exit **<Maintenance>**	

3.2 Installation on CCM 1.1.05

As CCM 1.1.05 contains all printer information from P.D.F. – PRN.A.3.0.01, no additional installation is necessary.

4 Special Configuration Items in the "Printer Definition Files"

4.1 Activating Film Orientations on the Processing Station for printers with insufficient RAM for image rotation

Due to a lack of memory (RAM) some printers only support one film orientation for certain film sizes. There is a possibility to activate the other film orientation by editing the concerned "printer definition file". From VIPS 1.1.09 on, the Processing Station provides the possibility to rotate the image in a background process. The image is then sent to the printer and printed on the available film orientation. The printer does not have to rotate the image locally.

This setting is activated as default for the Sterling LP 400, which only prints 14" x 17" film in portrait orientation. By adding the entry "HCP_ORIENTATION PORTRAIT" to the settings for the 14" x 17" film in landscape orientation, the rotation of the image will be done on the Processing Station.

Extract of the file:

```
$FILMID             "14 X 17 IN - P"
    FILMSIZE              14INX17IN
    RESOLUTION            STANDARD
    ORIENTATION           PORTRAIT
    ROWS                  4972
    COLS                  4170
    PIXELS_PER_MM         12.1270
$END

$FILMID             "14 X 17 IN - L"
    FILMSIZE              14INX17IN
    RESOLUTION            STANDARD
    ORIENTATION           LANDSCAPE
    HCP_ORIENTATION       PORTRAIT
    ROWS                  4170
    COLS                  4972
    PIXELS_PER_MM         12.1270
$END
```

5 List of supported Printers in PRN.A.3.0.01

Supplier	Printer	printer definition file	Available IE documents
3M	3M_8100	3M_8100.txt	418 – 419 - 422
	3M_8300	3M_8300.txt	418 – 419 - 422
	3M_8500	3M_8500.txt	418 – 419 - 422
	3M_8600	3M_8600.txt	418 – 419 - 422
	3M_8700	3M_8700.txt	418 – 419 - 422
	3M_HQ969	3M_HQ969.txt	418 – 419 - 422
Kodak	Kodak KELP100XLP	KOD_KELP100XLP.txt	418 – 419 - 422
	Kodak KELP1120 DPS	KOD_KELP1120_DPS.txt	418 – 419 - 422
	Kodak KELP1120 PIU	KOD_KELP1120_PIU.txt	418 – 419 - 422
	Kodak KELP2180 DPS	KOD_KELP2180_DPS.txt	418 – 419 - 422
	Kodak KELP2180 PIU	KOD_KELP2180_PIU.txt	418 – 419 - 422
	Kodak MLP190	KOD_MLP190.txt	418 – 419 - 422
	Kodak XLT7720	KOD_XLT7720.txt	418 – 419 - 422
Sterling	Sterling DI200	STE_DI200.txt	425 – 431 - 432
	Sterling DI400	STE_DI400.txt	425 – 431 - 432
	Sterling LP400	STE_LP400.txt	425 – 431 - 432
	Sterling SIJ100	STE_SIJ100.txt	425 – 431 - 432
	Sterling SIJ400	STE_SIJ400.txt	425 – 431 - 432
Fuji	Fuji FL-IM D	FUJ_FL_IMD.txt	504 – 512 - 513
	Fuji FL-IM DM	FUJ_FL_IMDM.txt	504 – 512 - 513
	Fuji FL-IM3543II	FUJ_IM3543.txt	504 – 512 - 513
	Fuji FL-IM3535II	FUJ_FL-IM3535II.txt	504 – 512 - 513
	Fuji FL-IM2636II	FUJ_IM2636.txt	504 – 512 - 513
	Fuji CR-LP D	FUJ_CR-LPD	504 – 512 - 513
	Fuji CR-LP415	FUJ_CR-LP415.txt	504 – 512 - 513
	Fuji FM-DP L	FUJ_FM-DPL.txt	504 – 512 - 513
	Fuji CR-DP L	FUJ_CR-DPL	504 – 512 - 513
	Fuji FM-DP2636	FUJ_FM-DP2636.txt	504 – 512 - 513
	Fuji FM-DP3543	FUJ_FM-DP3543.txt	504 – 512 - 513
	Fuji CR-DP T	FUJ_CR-DPT	504 – 512 - 513
	Fuji CR-DP3543T	FUJ_CR-DP3543T.txt	504 – 512 - 513
Agfa	DI2000	DI2000.txt	
	DI3000	DI3000_1114.txt	
		DI3000_1414.txt	
		DI3000_1417.txt	
	DI4500	DI4500.txt	
	DI4500LR	DI4500LR.txt	
	LR3300	LR3300.txt	
	LR5200	LR5200.txt	
	LR5200HR	LR5200HR.txt	
Codonics	NP1600	COD_NP1600.txt	427
	NP1660	COD_NP1660.txt	427